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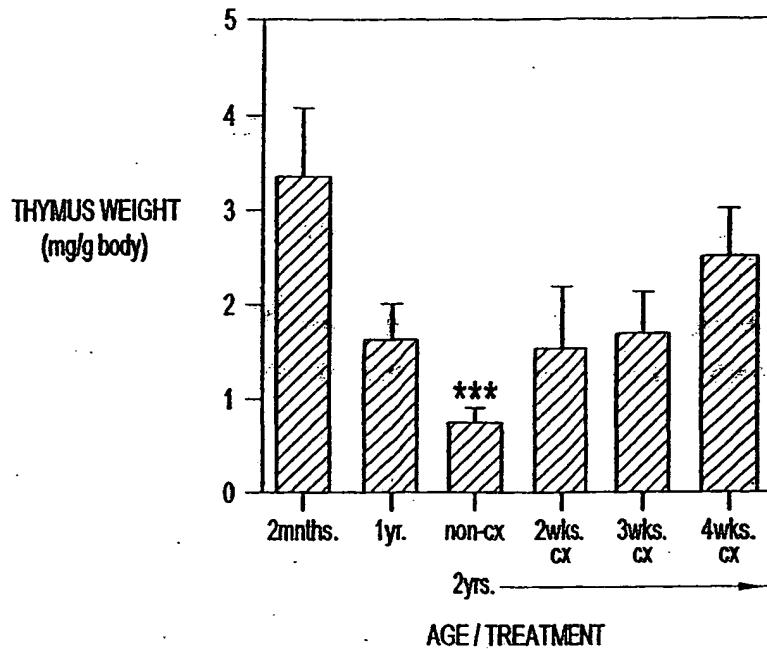


Figure 1A

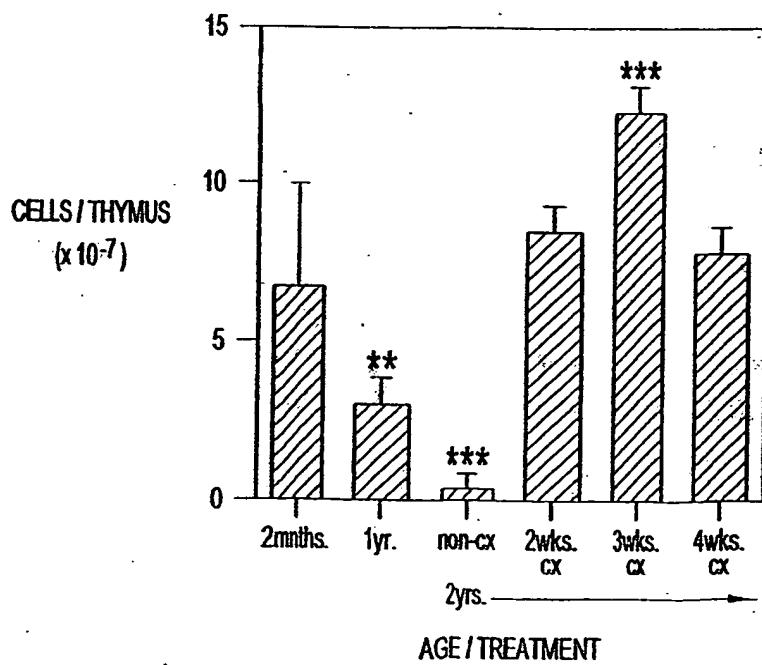


Figure 1B

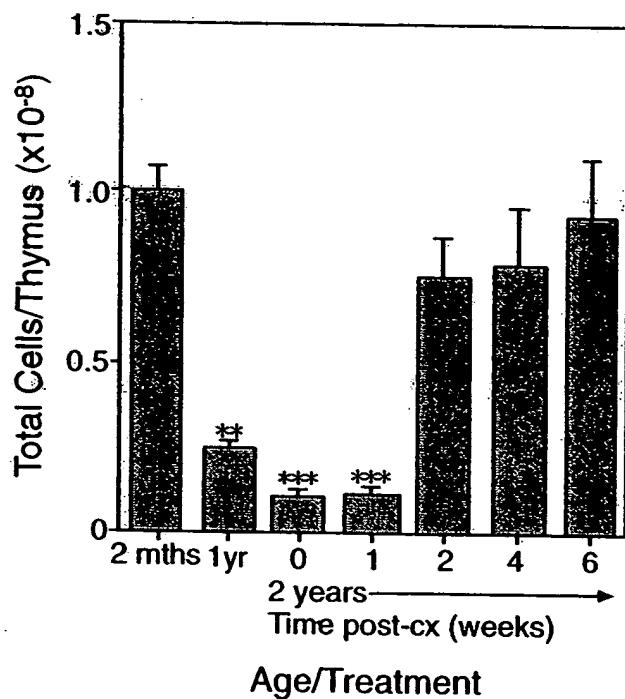


FIGURE 1c

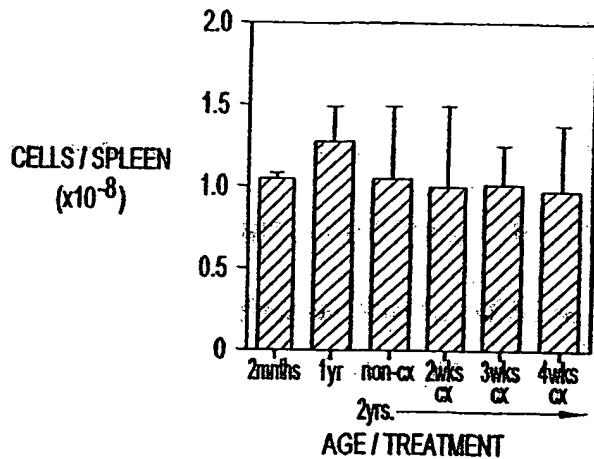


Figure 2A

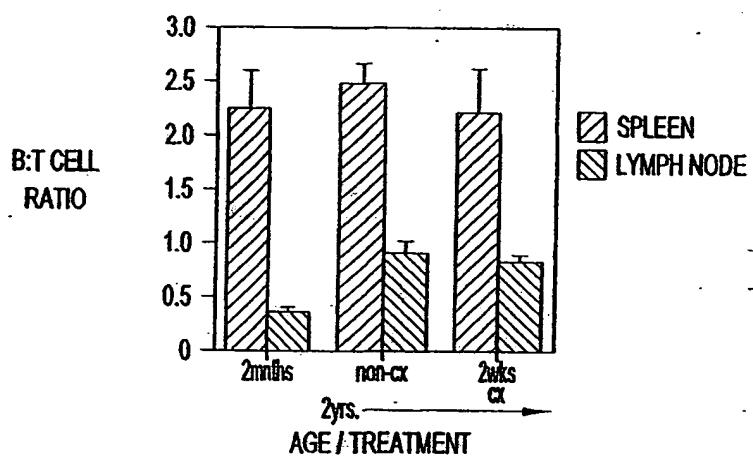


Figure 2C

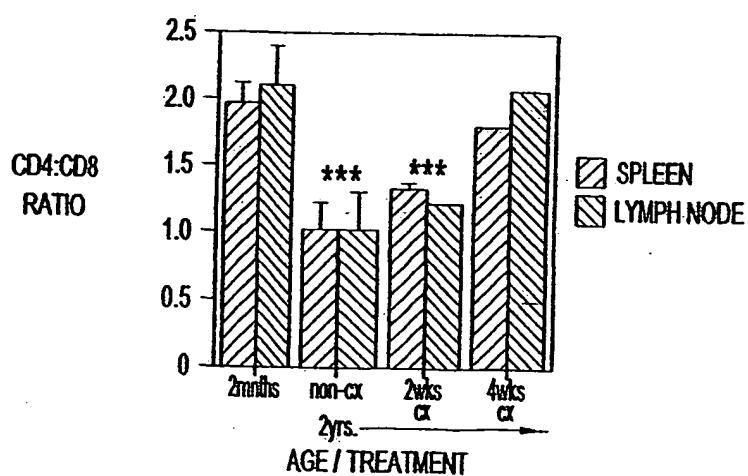


Figure 2E

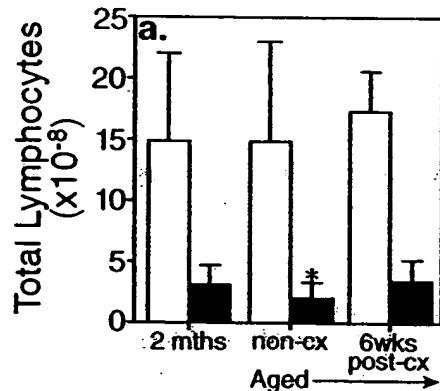


Figure 2B

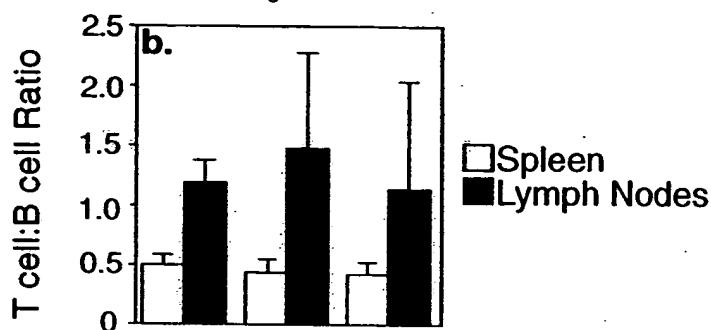


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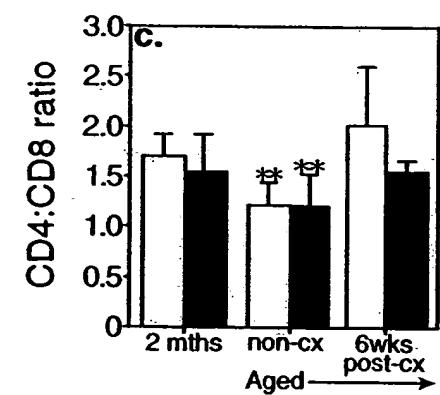


Figure 2F

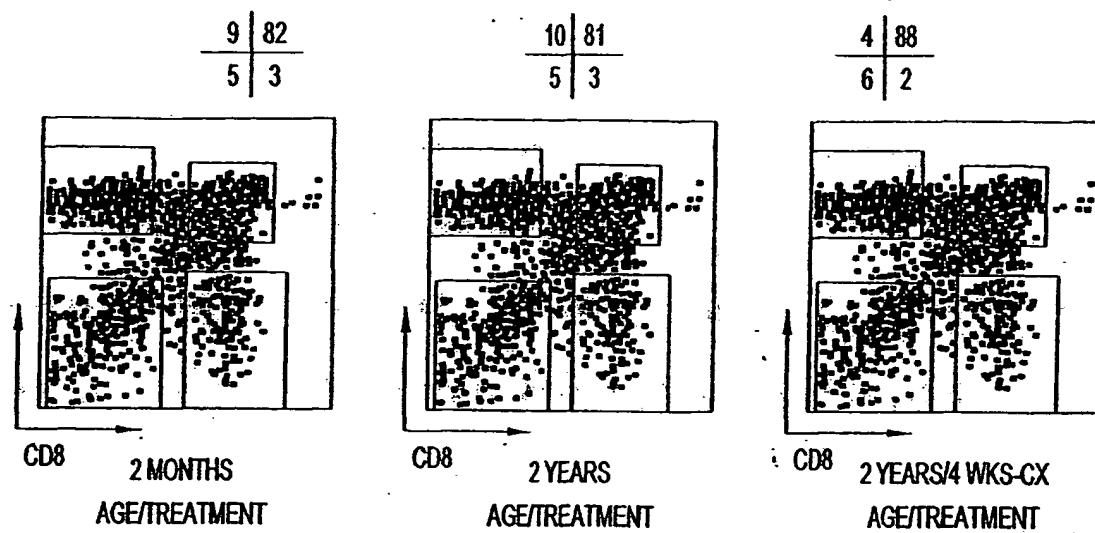


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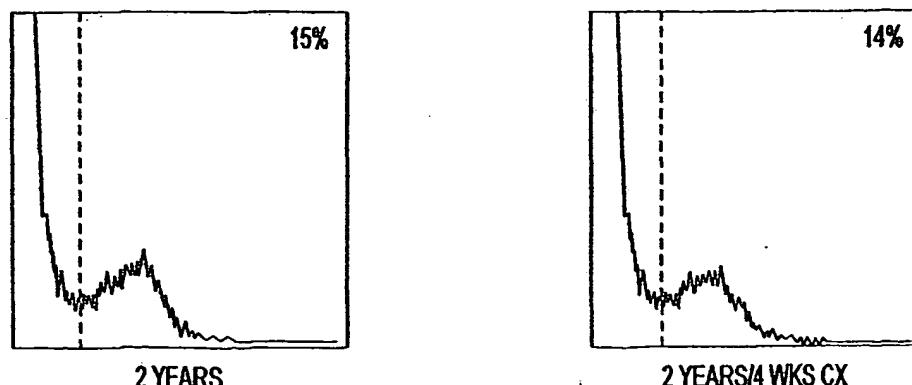
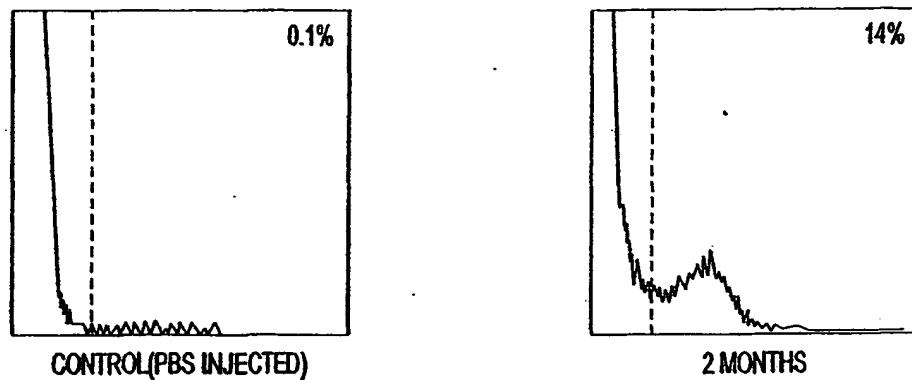


Figure 4<sup>A</sup>

Figure 4B

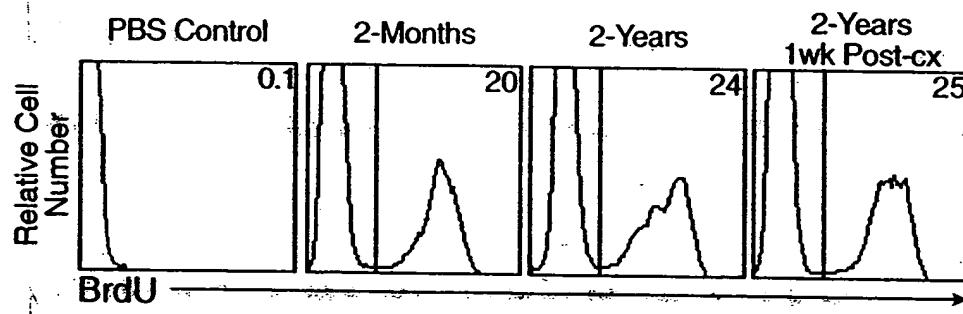
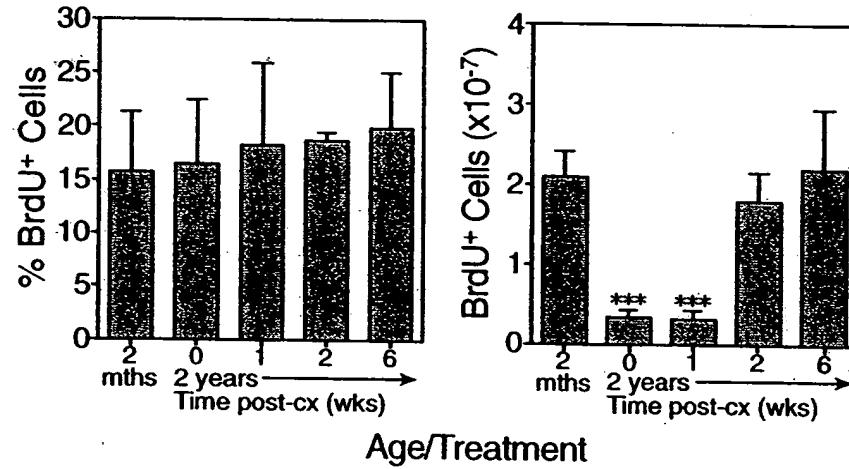


Figure 4C



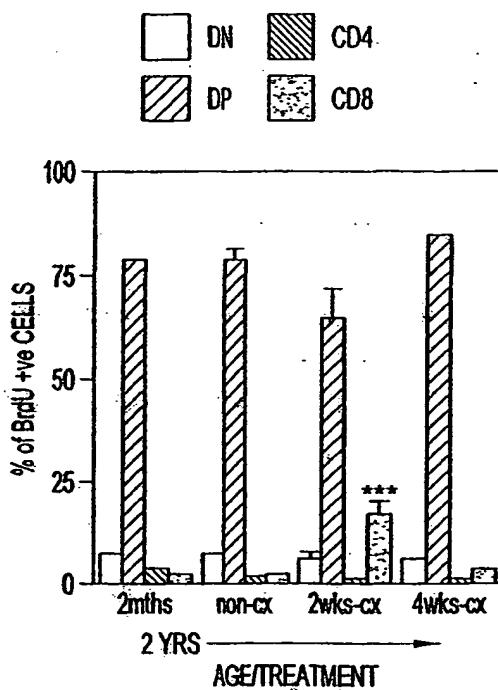


Figure 5A

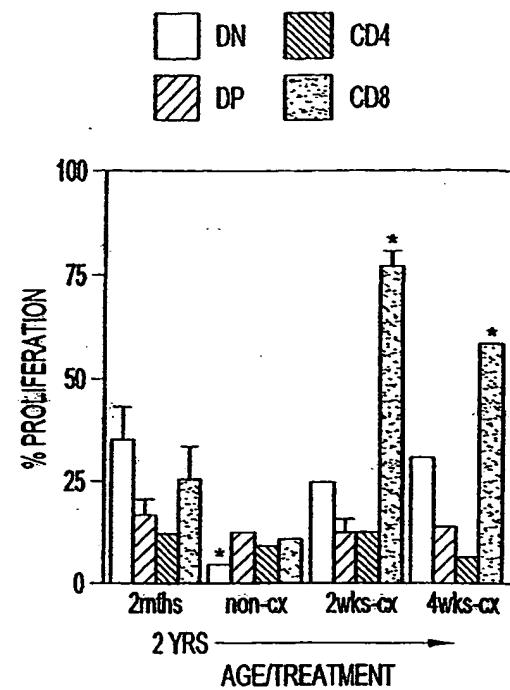


Figure 5B

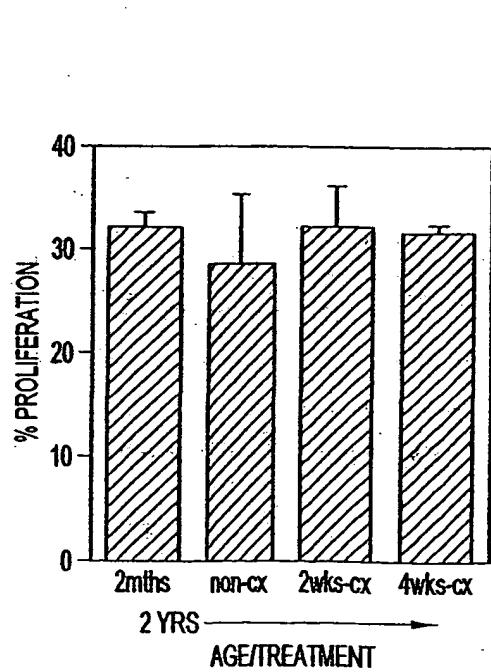


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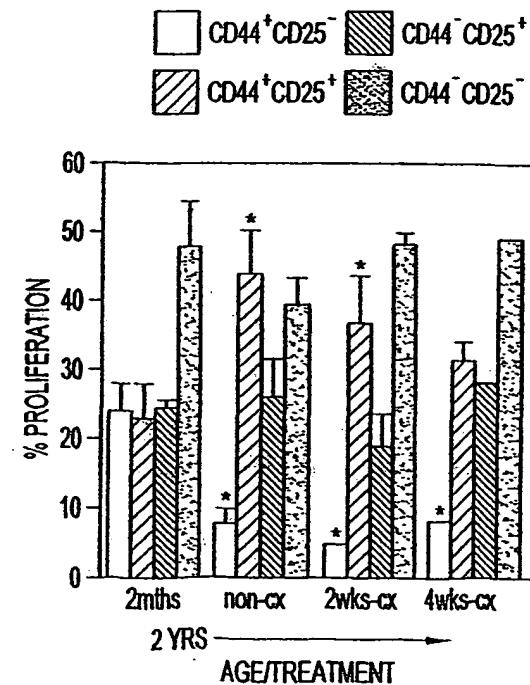


Figure 5G

Figure 5C

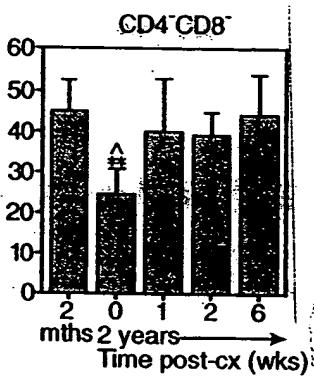


Figure 5D

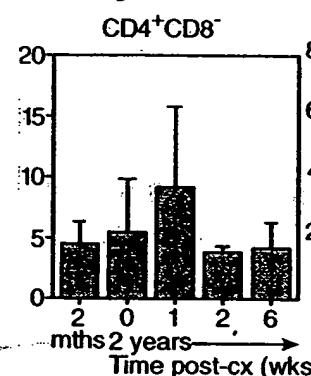


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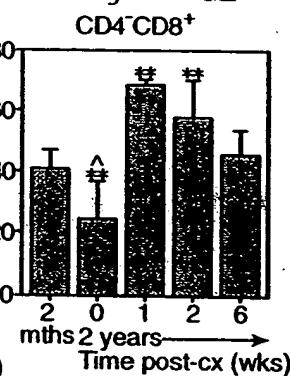


Figure 5H

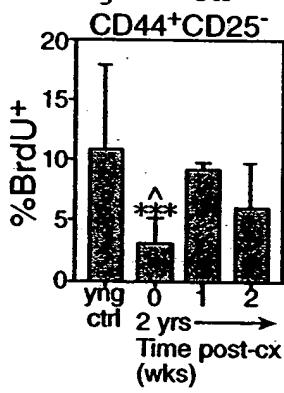


Figure 5I

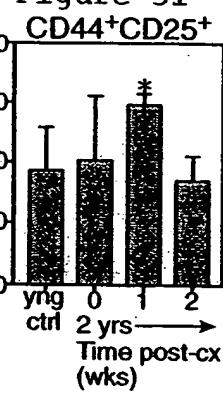


Figure 5J

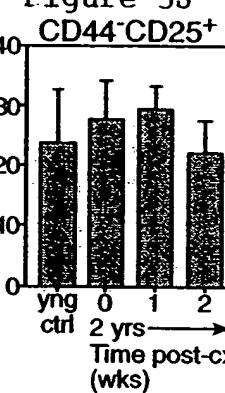
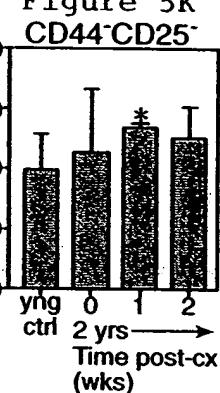
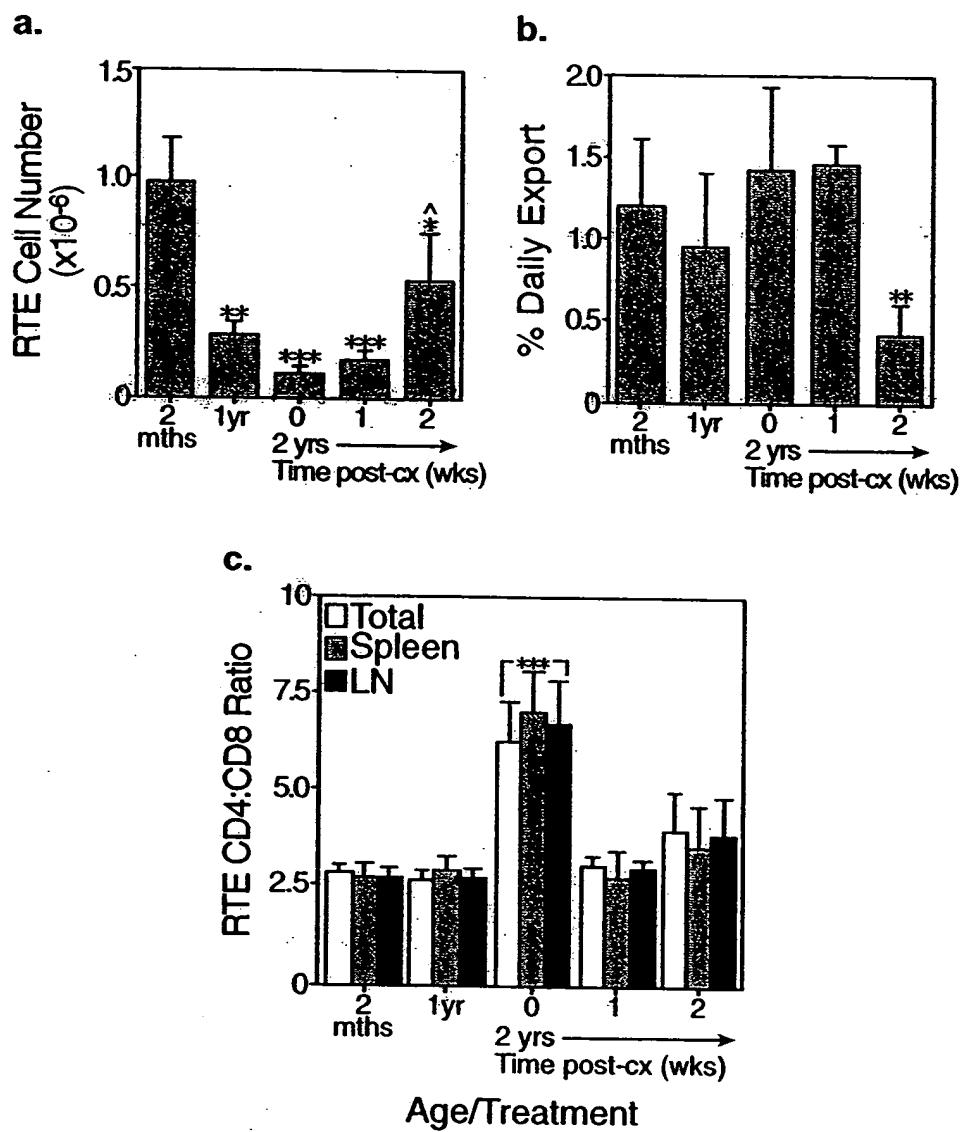


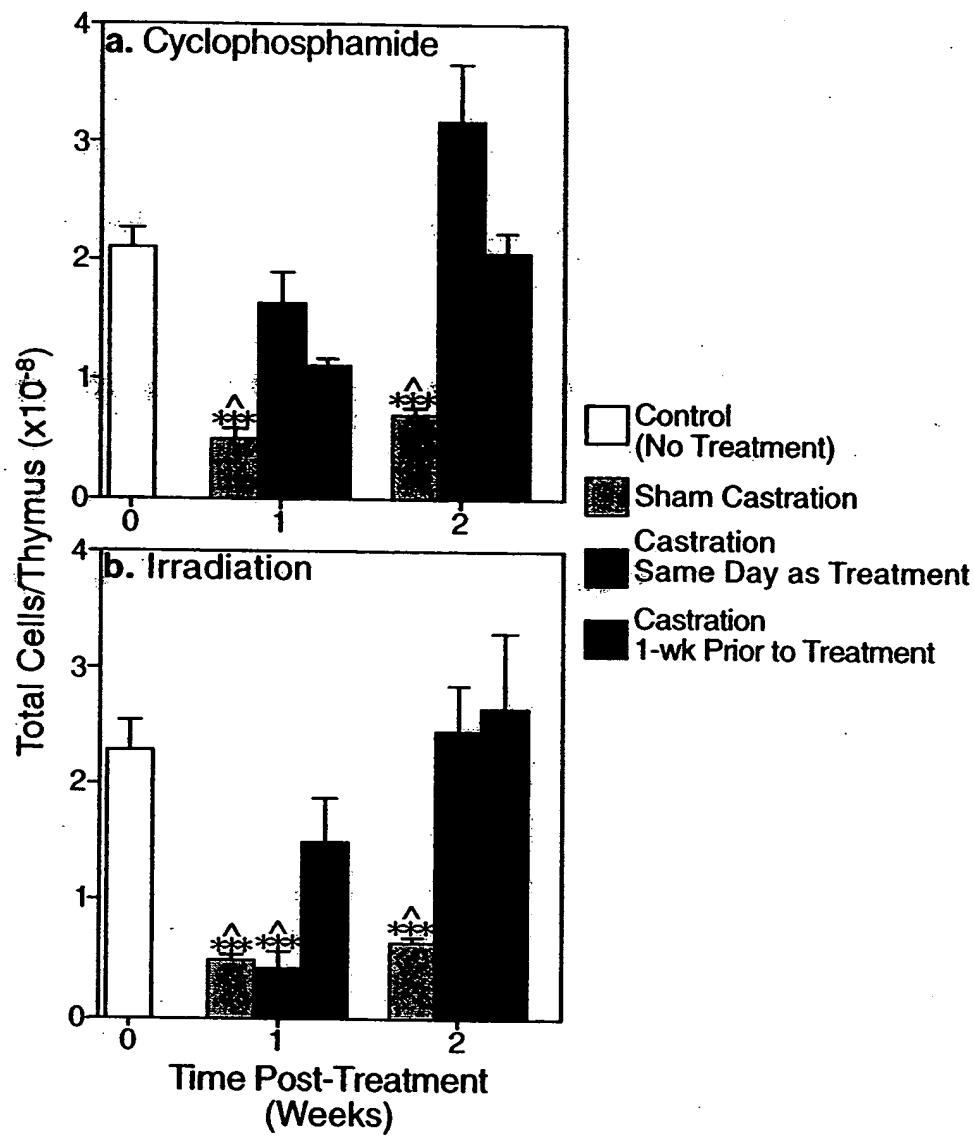
Figure 5K



Age/Treatment



**FIGURE 6.**



**FIGURE 7.**

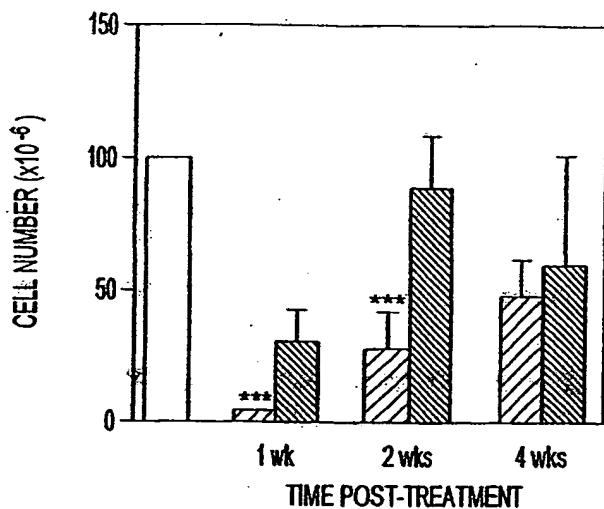


Figure 8A

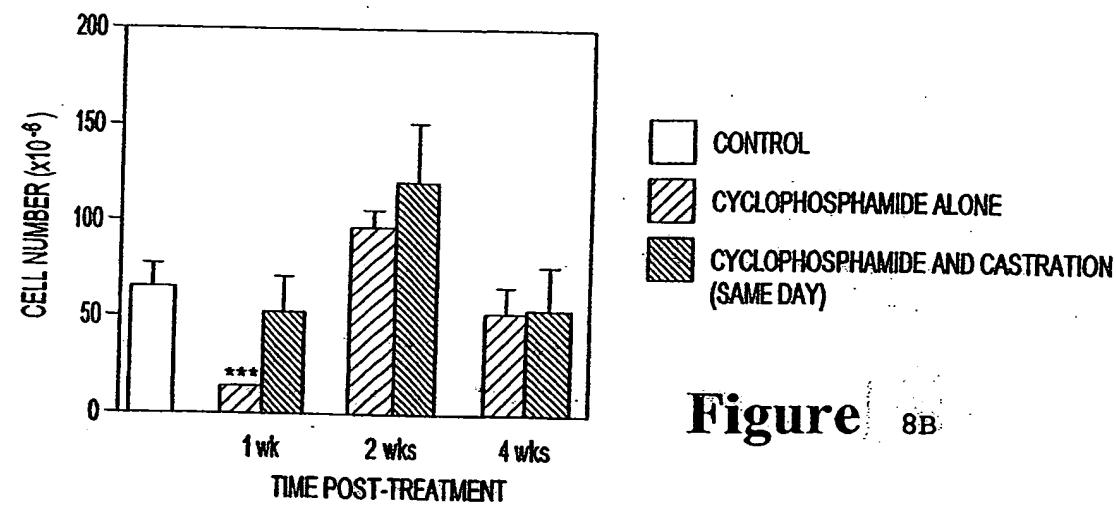


Figure 8B

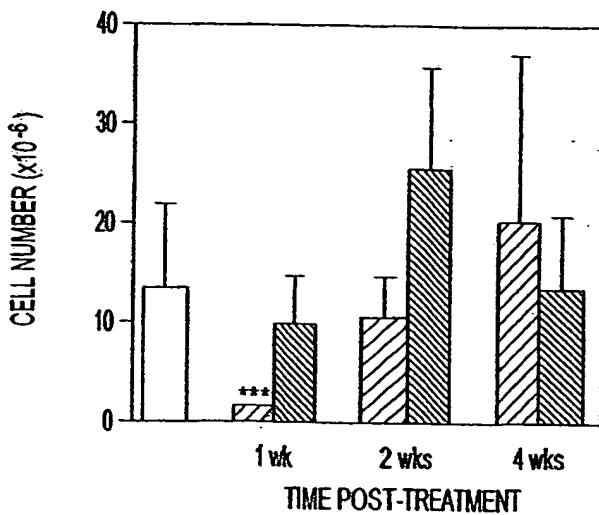


Figure 8C

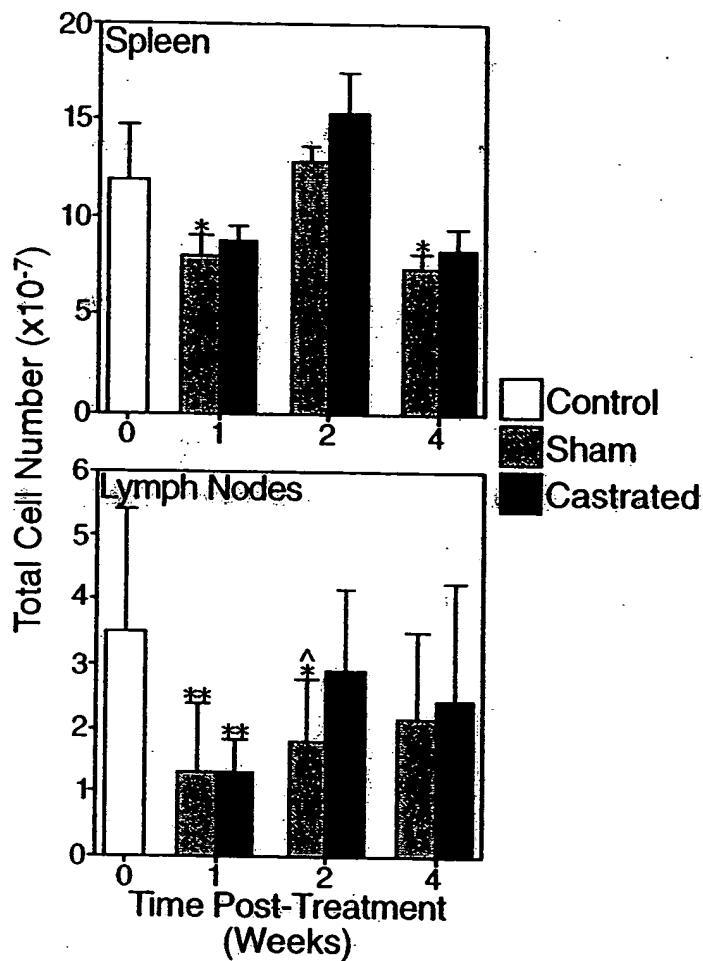


Figure 9A

Figure 9B

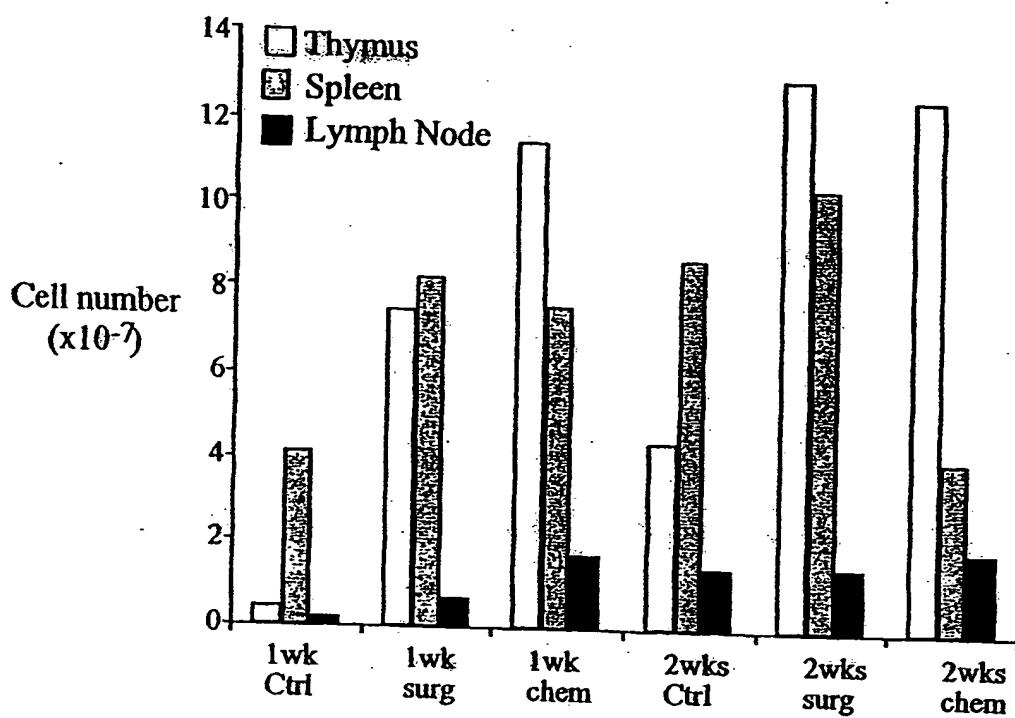


Figure 10

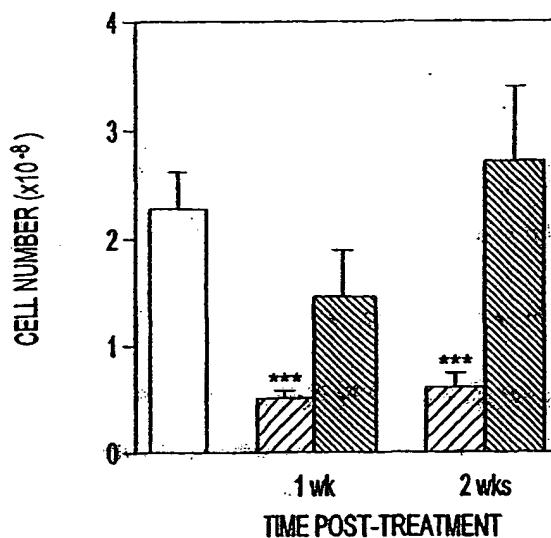


Figure 11A

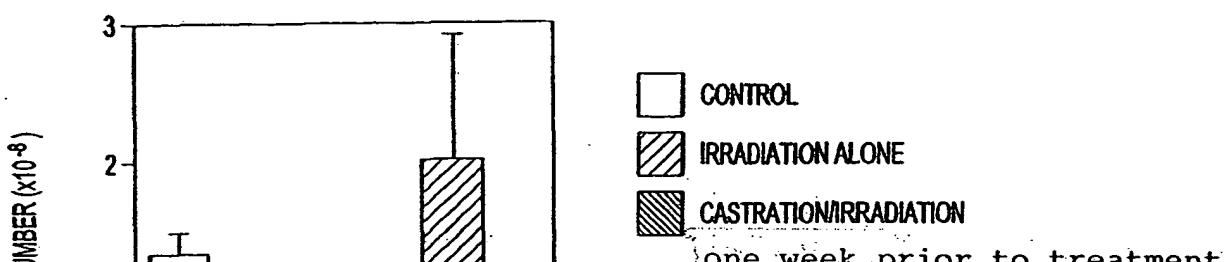


Figure 11B

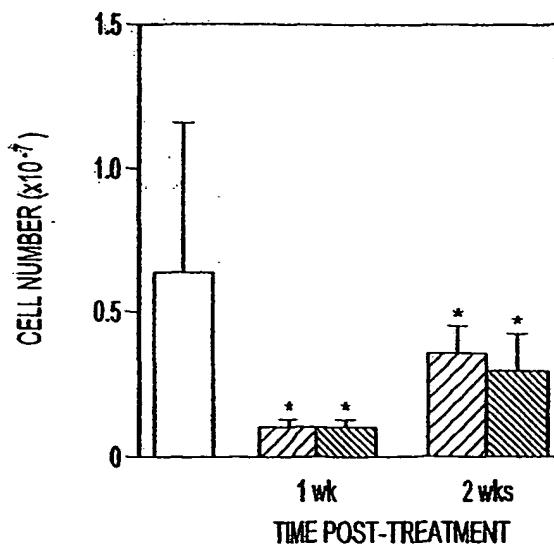


Figure 11C

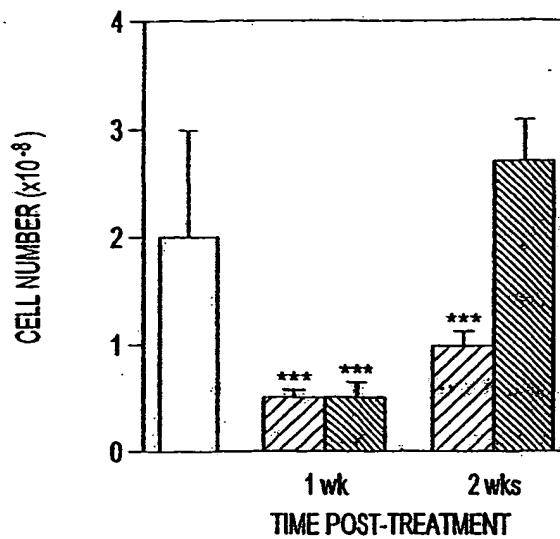


Figure 12A

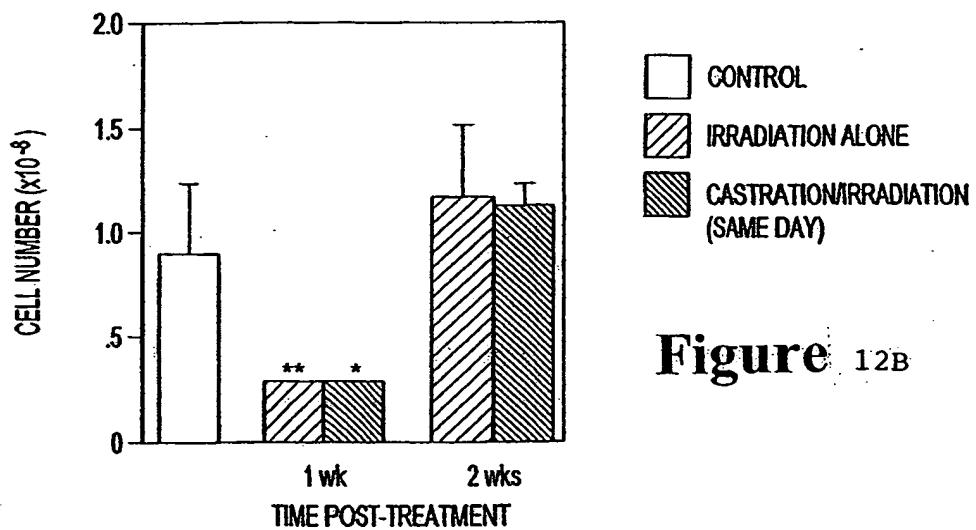


Figure 12B

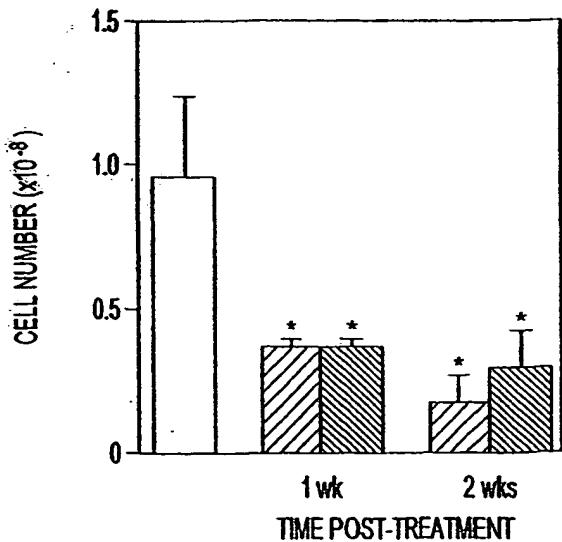


Figure 12C

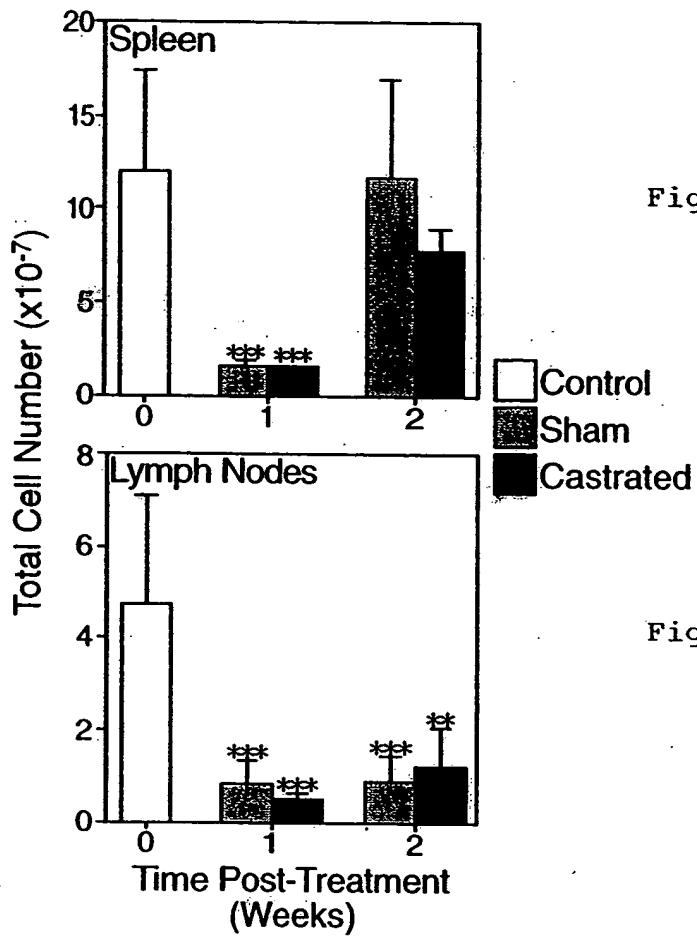


Figure 13A

Figure 13B

### LN size post-HSV inoculation

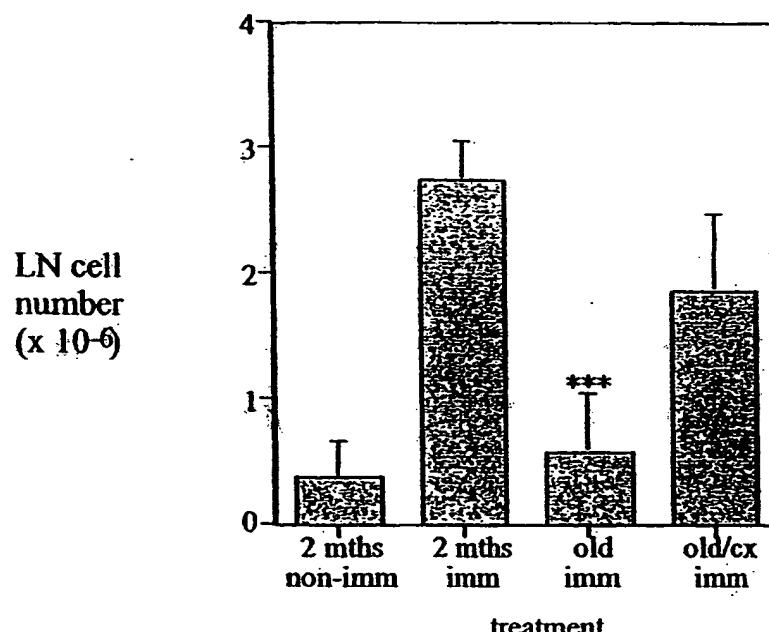


Fig. 14A

### Activated cell numbers

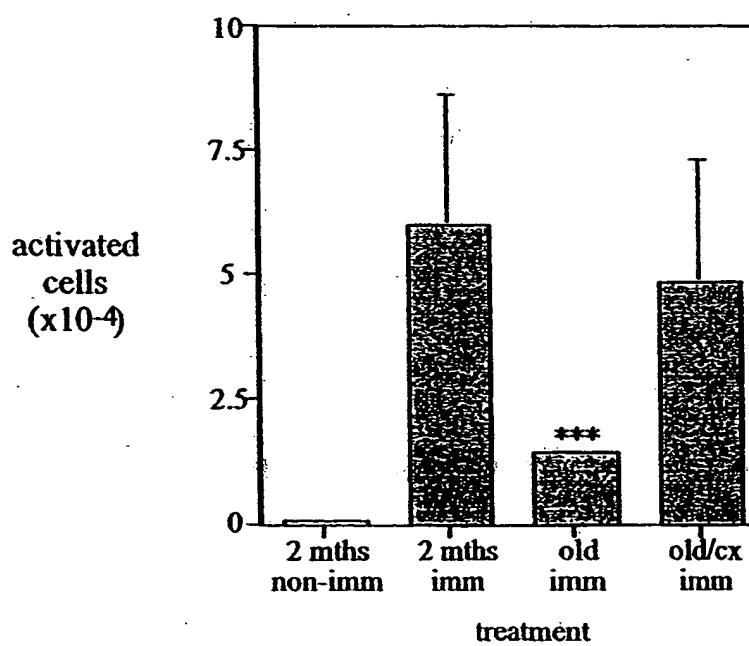


Fig. 14B

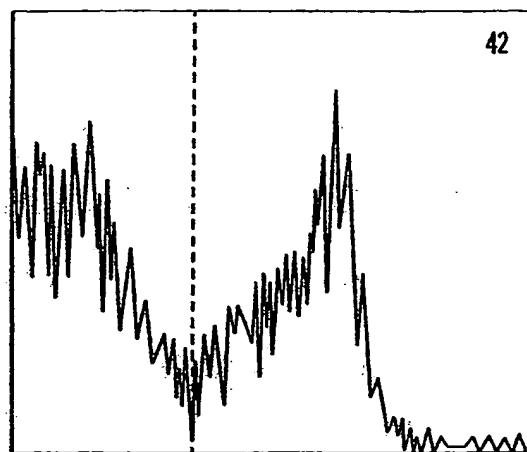


Figure 15A

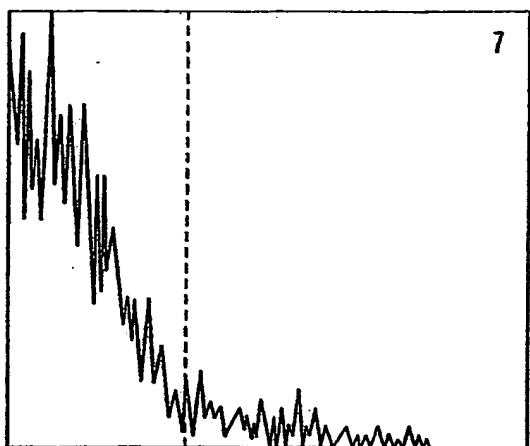


Figure 15B

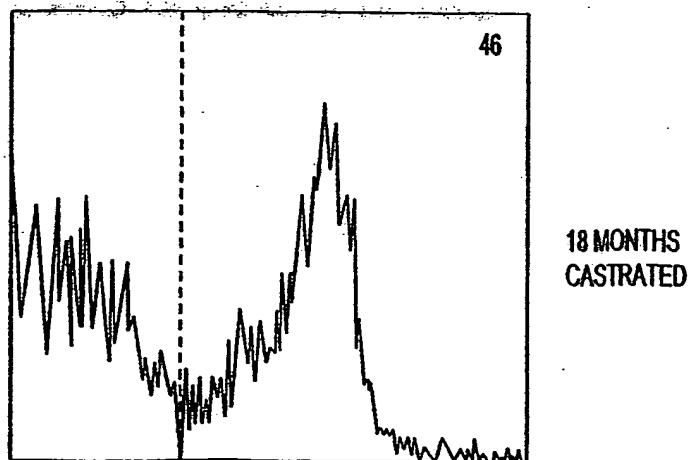


Figure 15C

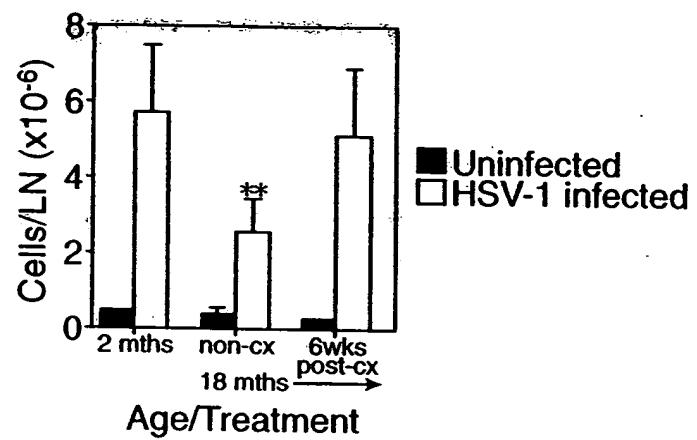


FIGURE 16

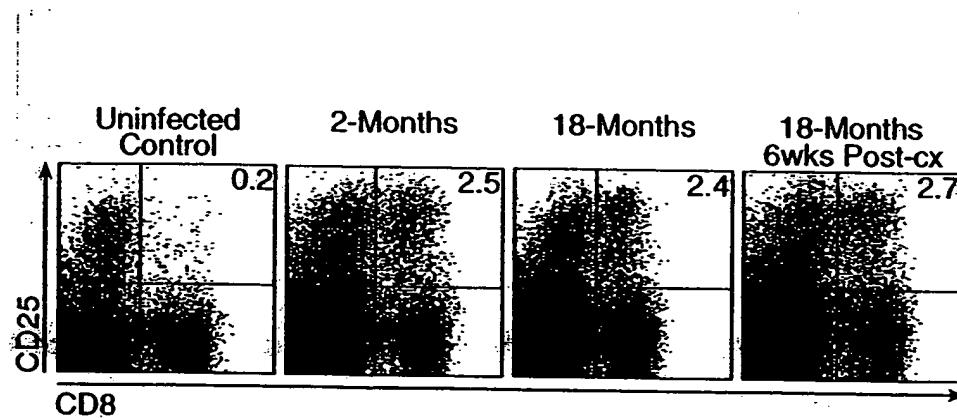


Figure 17A

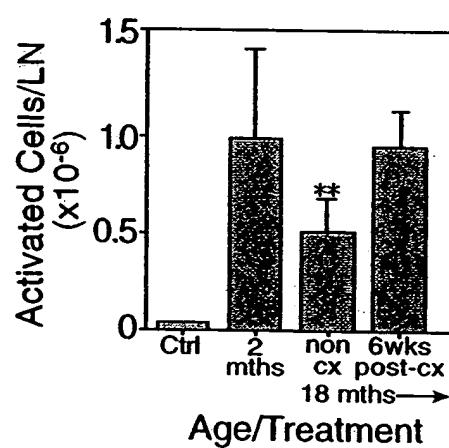


Figure 17B

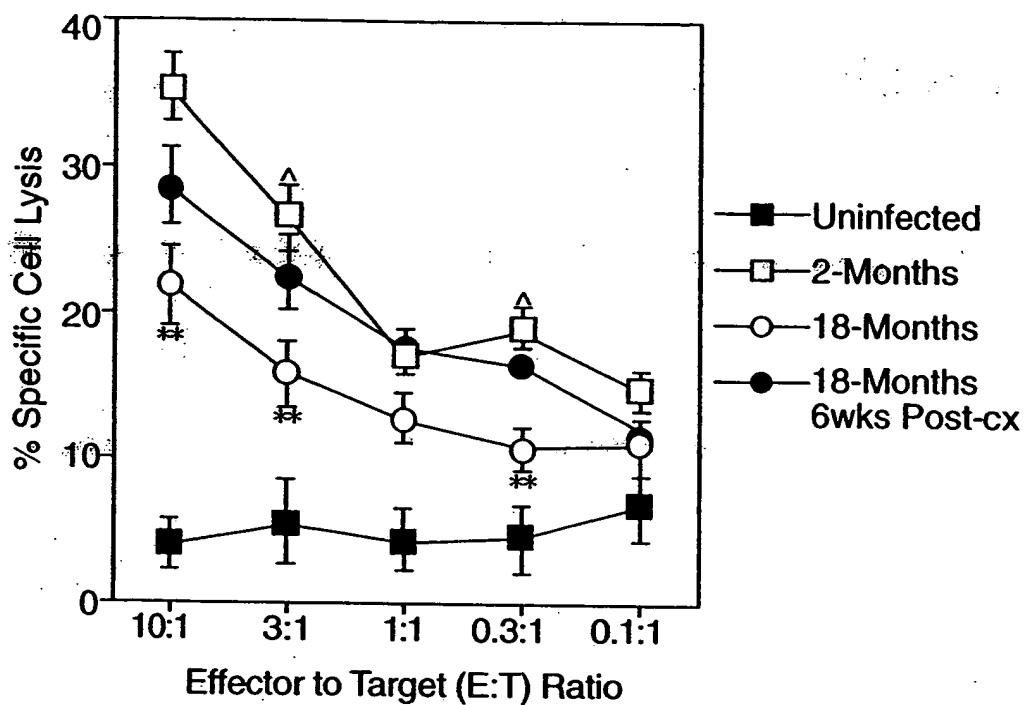
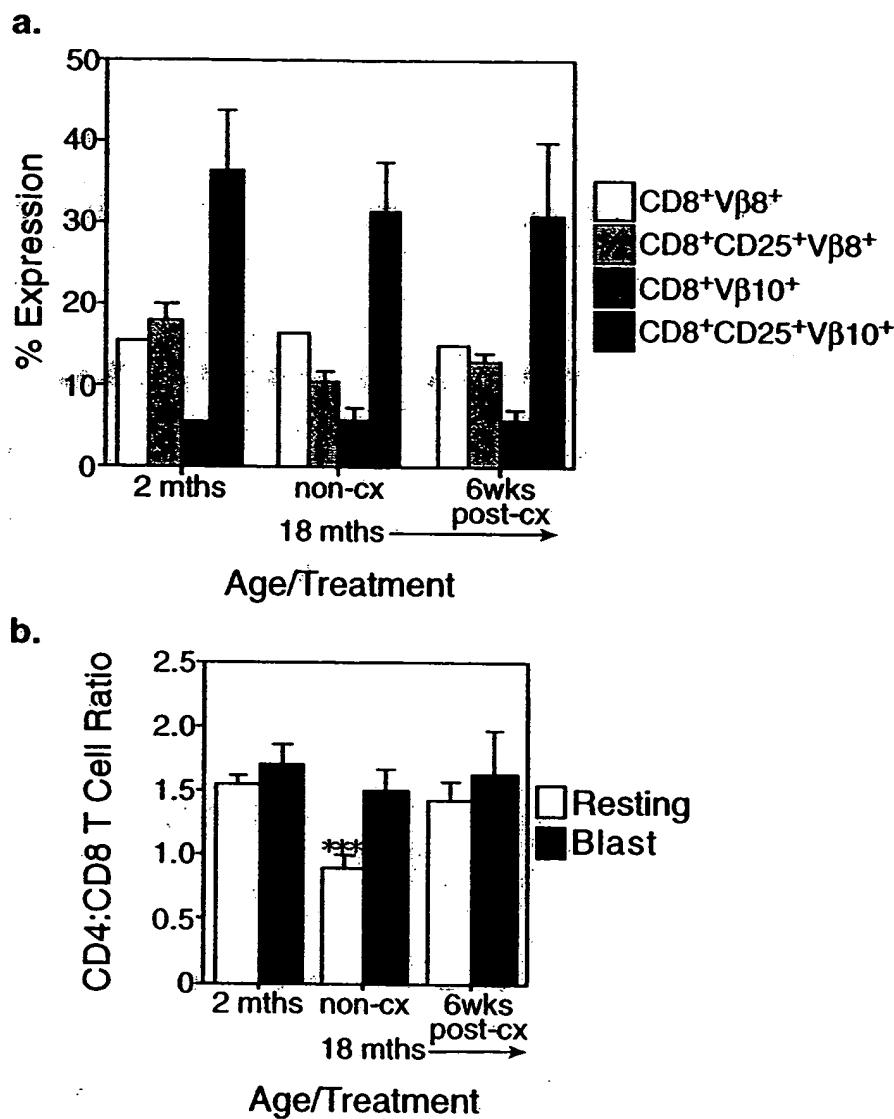


FIGURE 18



**FIGURE 1.9**

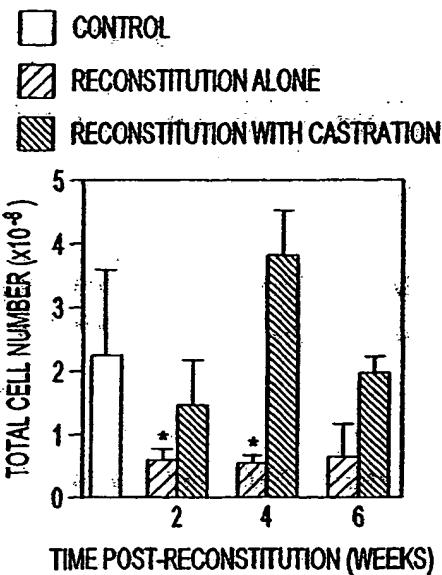


Figure 20A

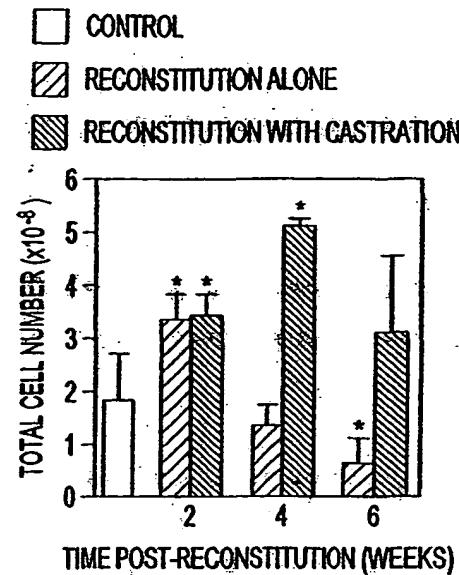


Figure 20B

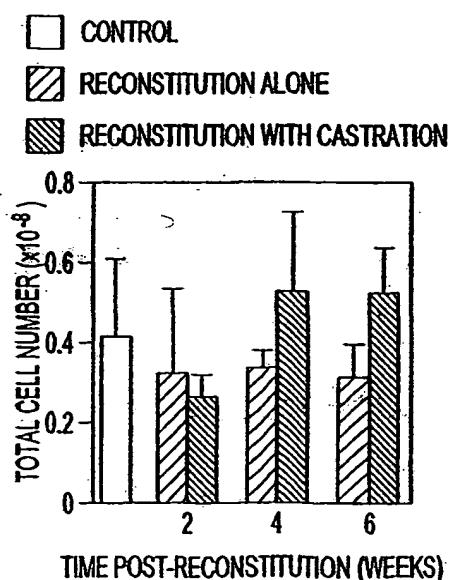


Figure 20C

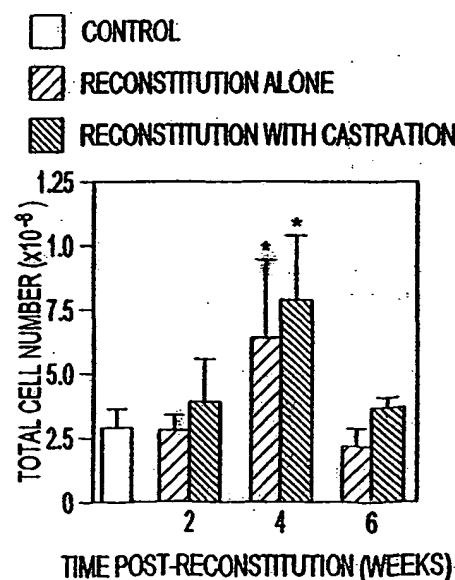


Figure 20D

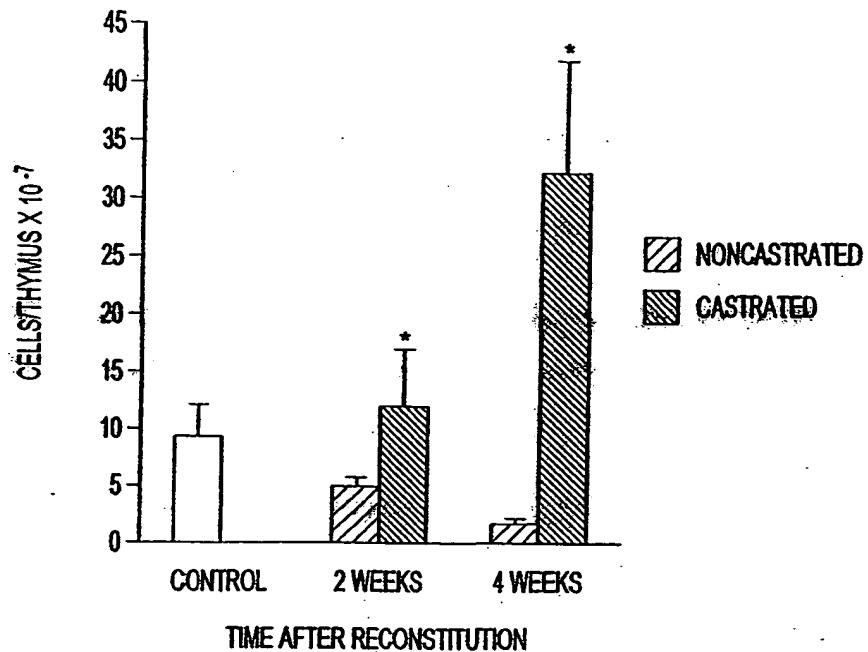


Figure 21A

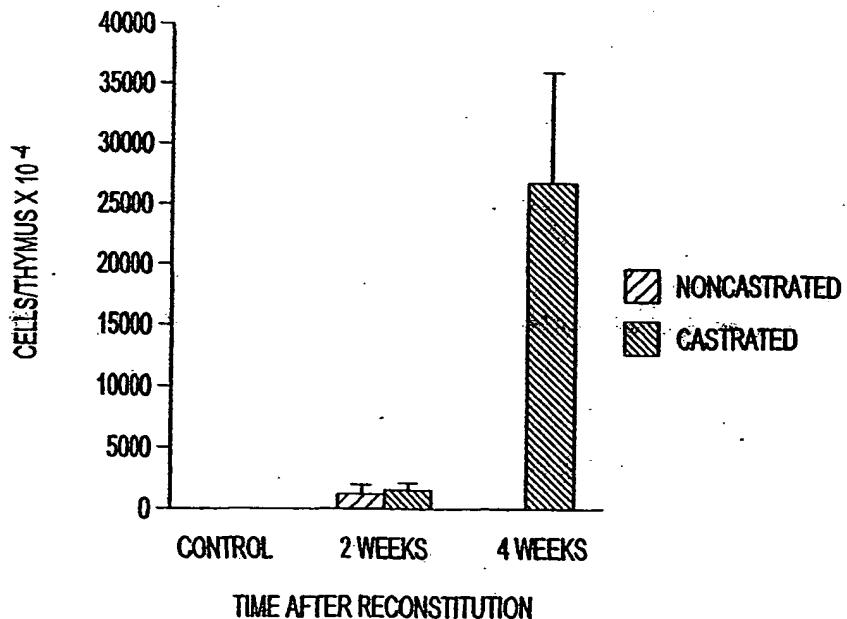
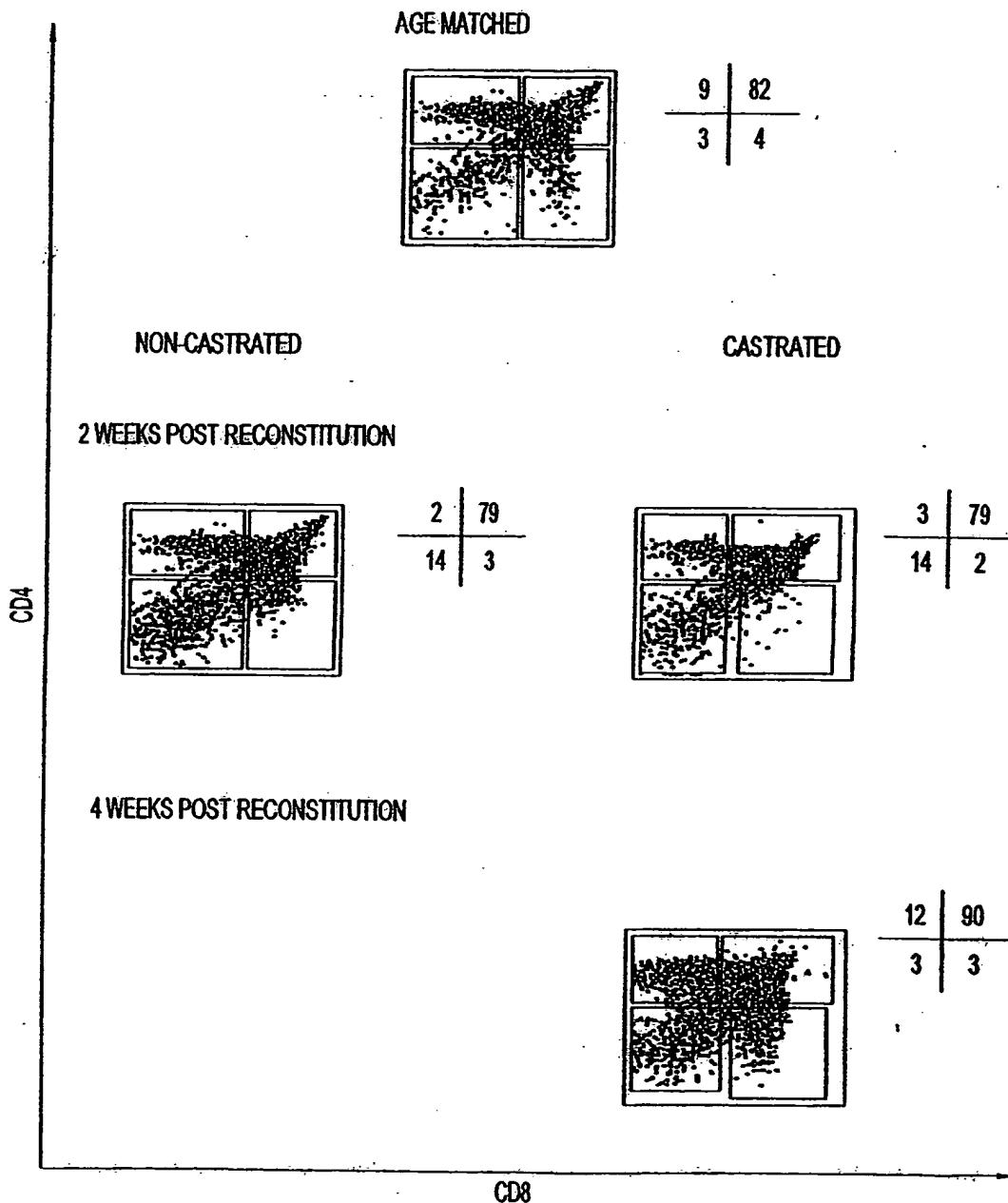


Figure 21B



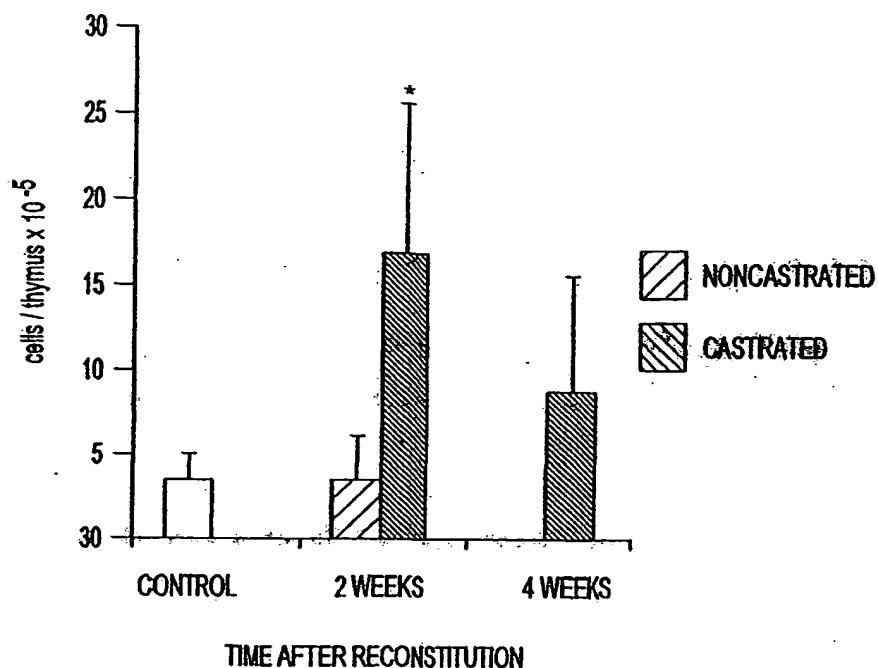


Figure 23A

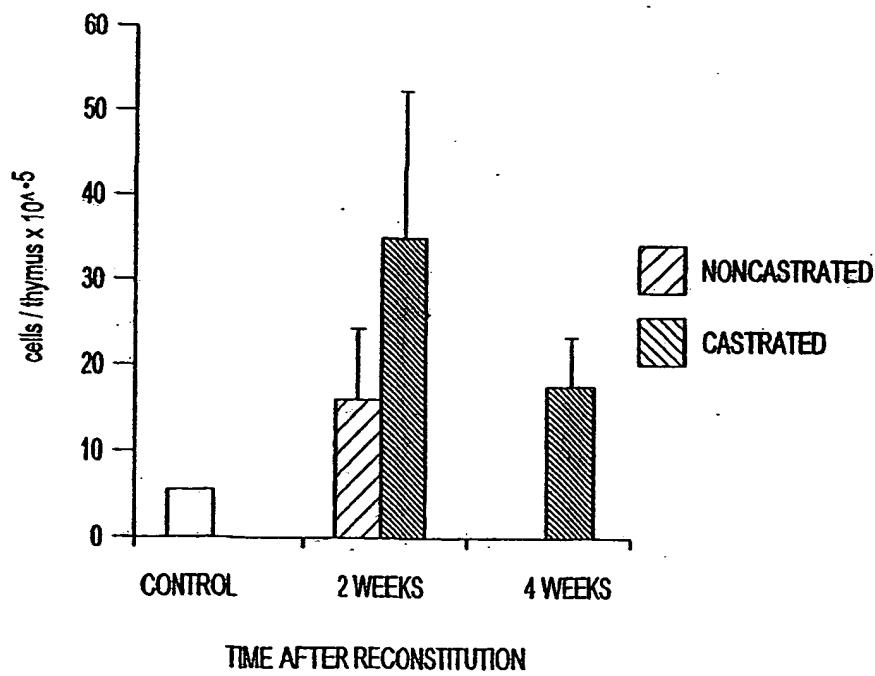


Figure 23B

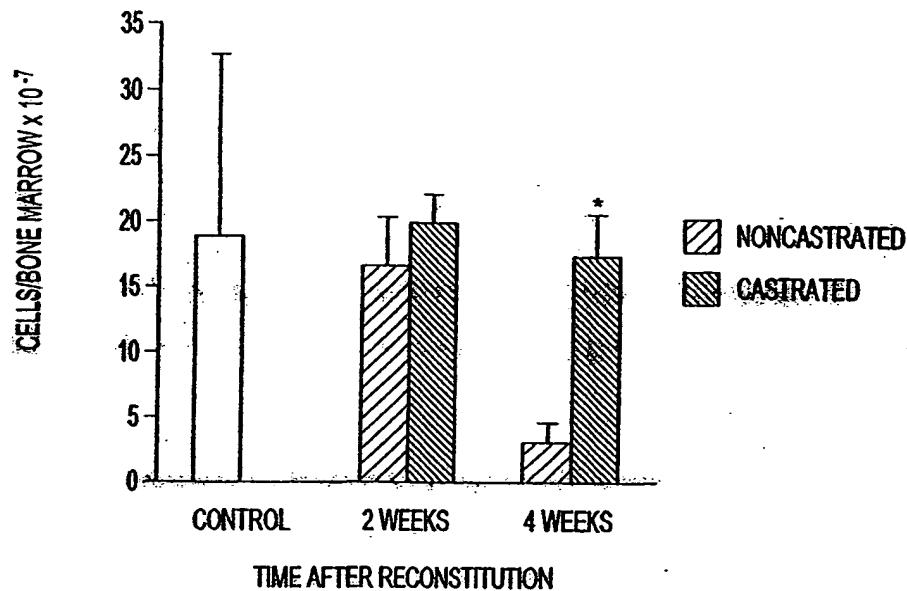


Figure 24A

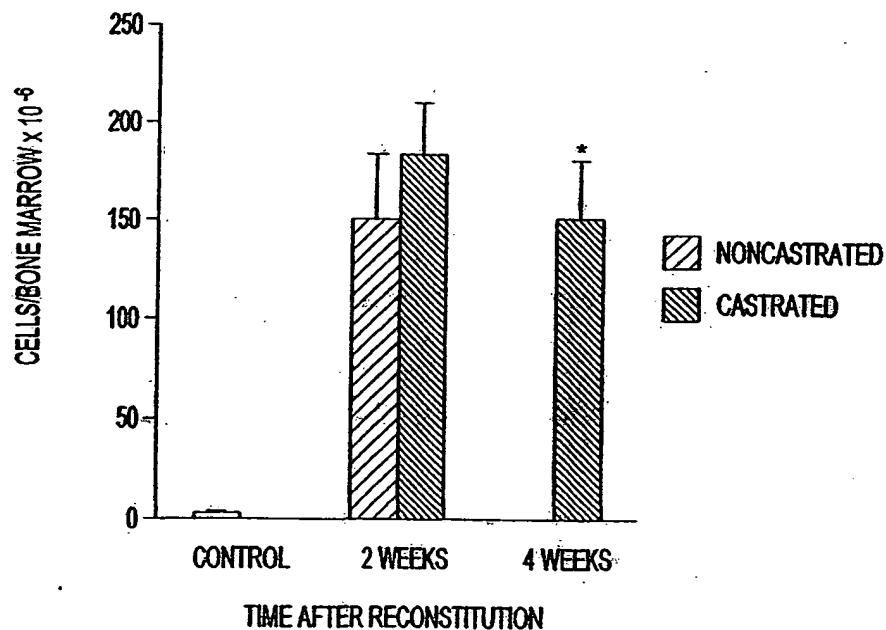


Figure 24B

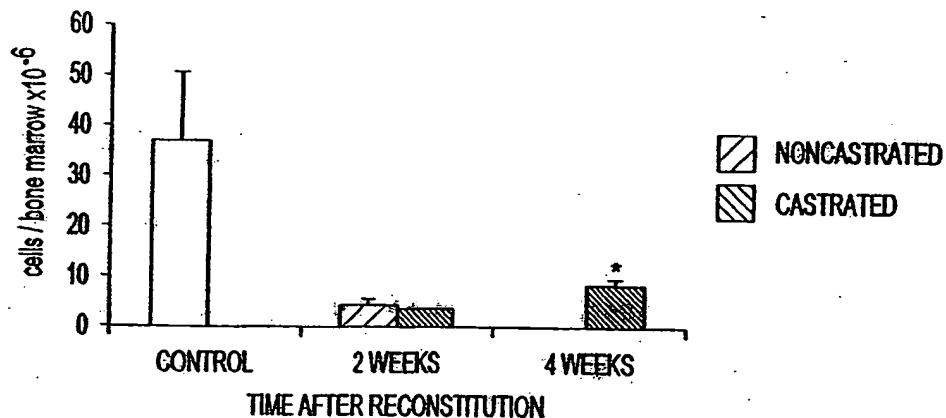


Figure 25A



Figure 25B

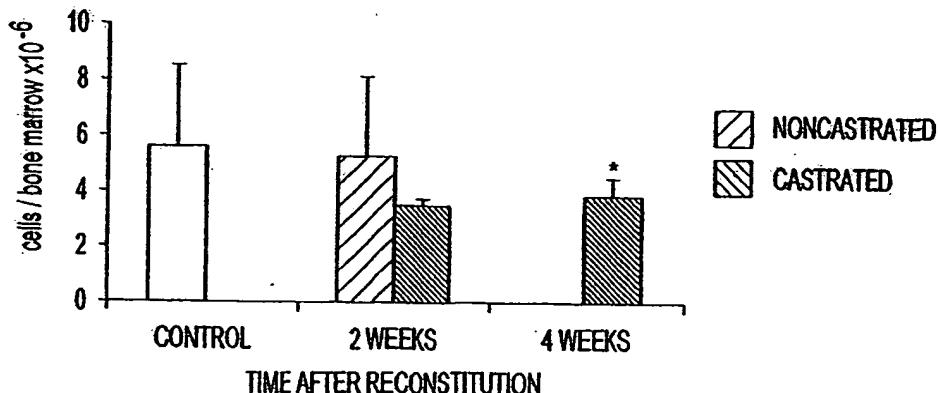


Figure 25C

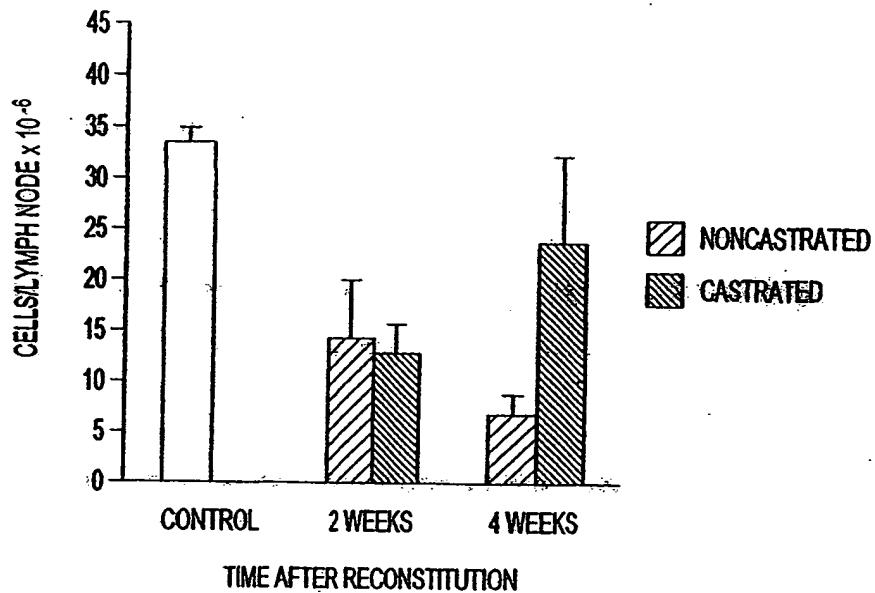


Figure 26A

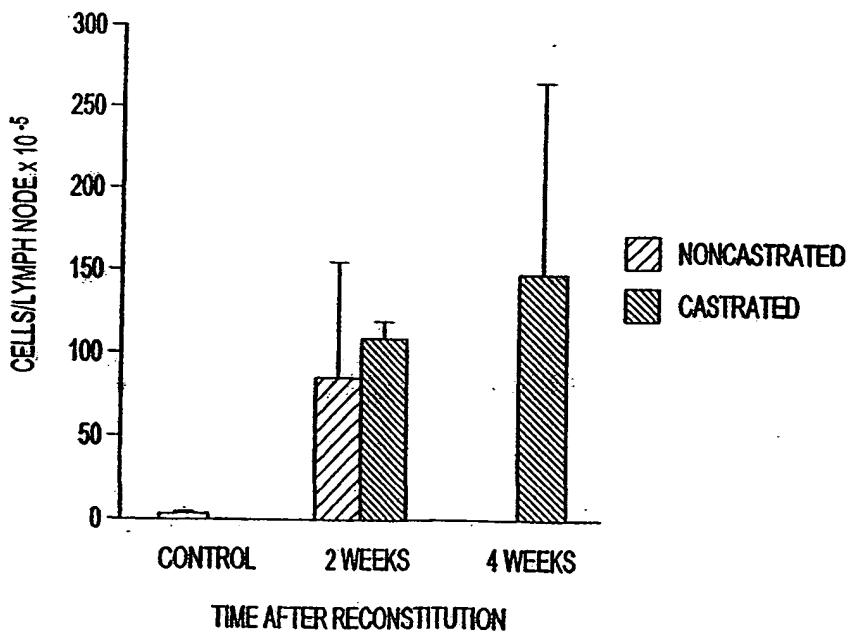
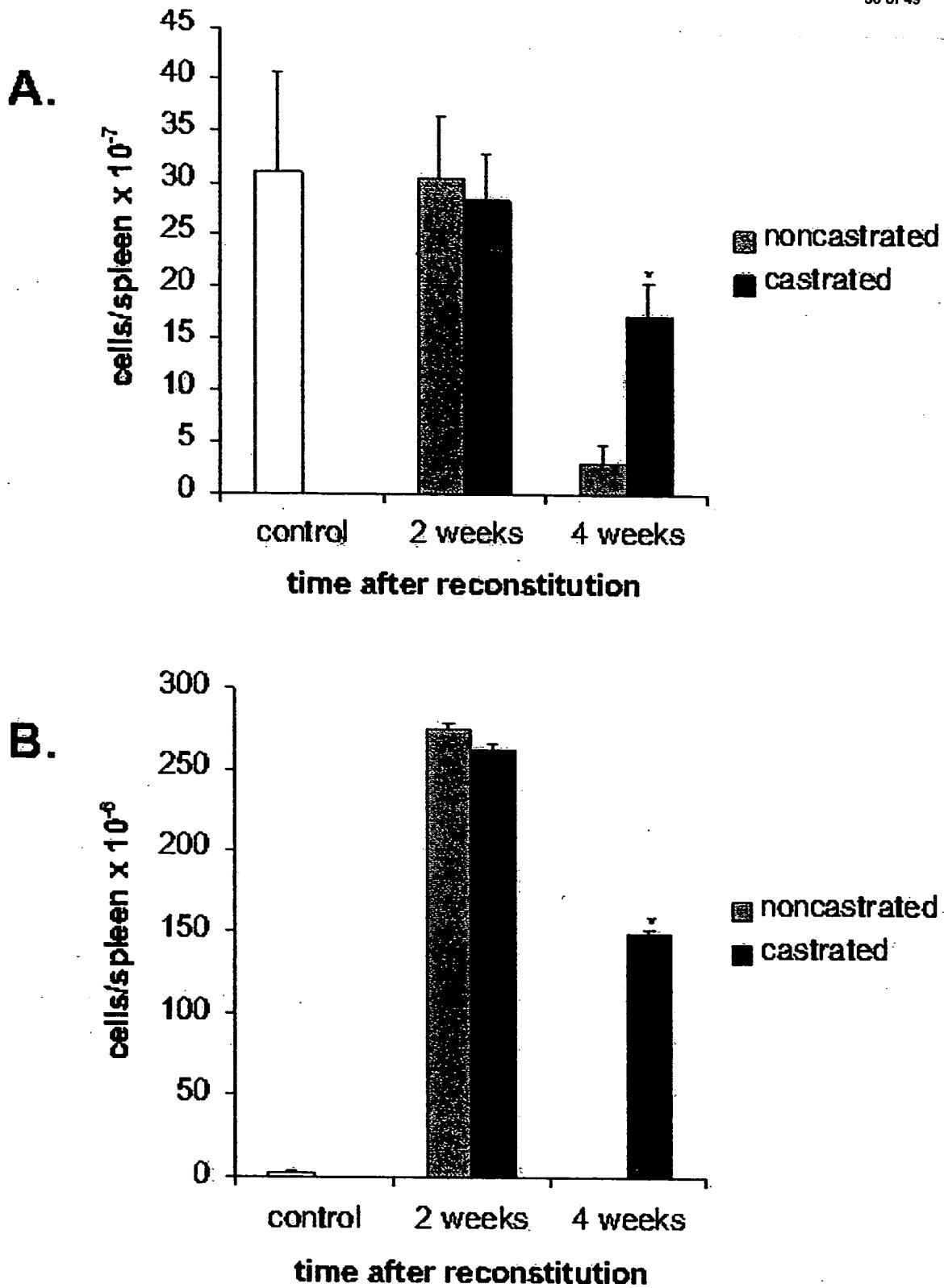


Figure 26B



**FIGURE 27.**

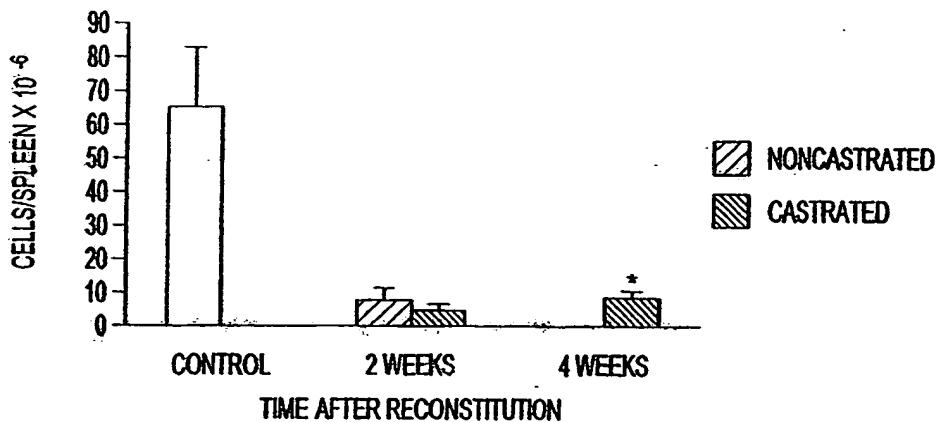


Figure 28A

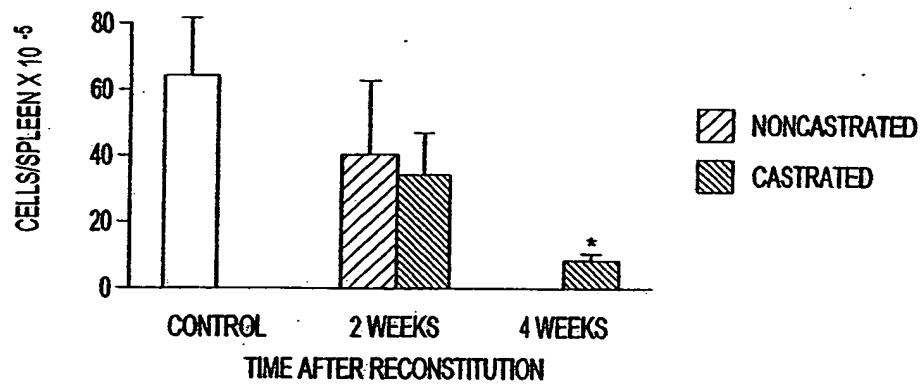


Figure 28B

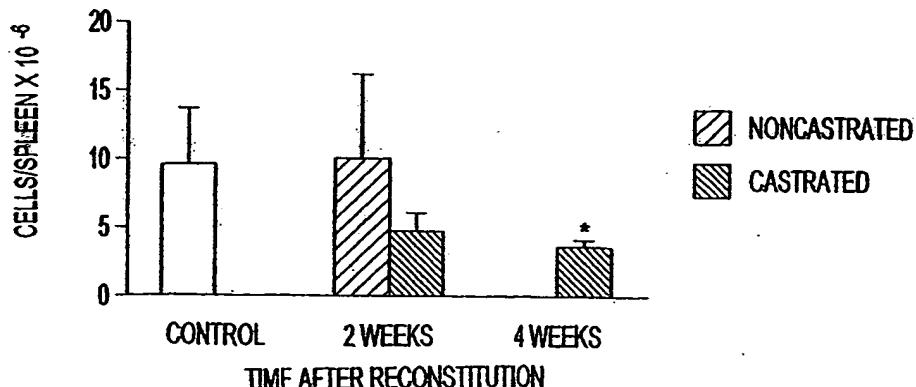


Figure 28C

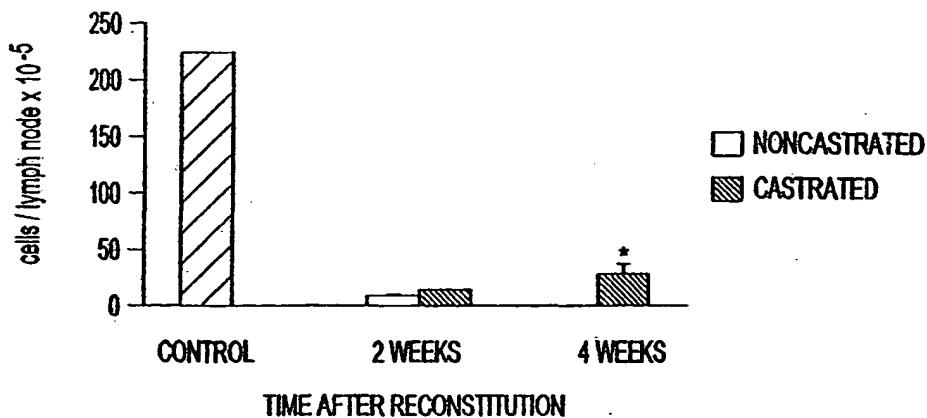


Figure 29A



Figure 29B

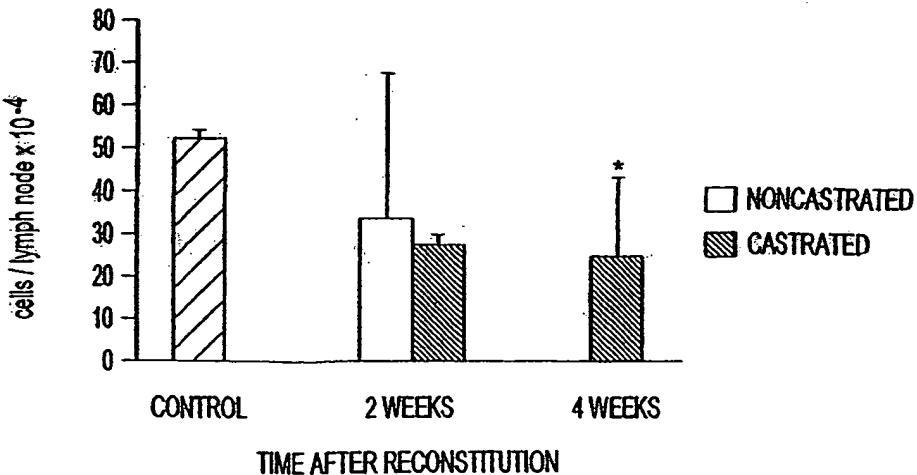
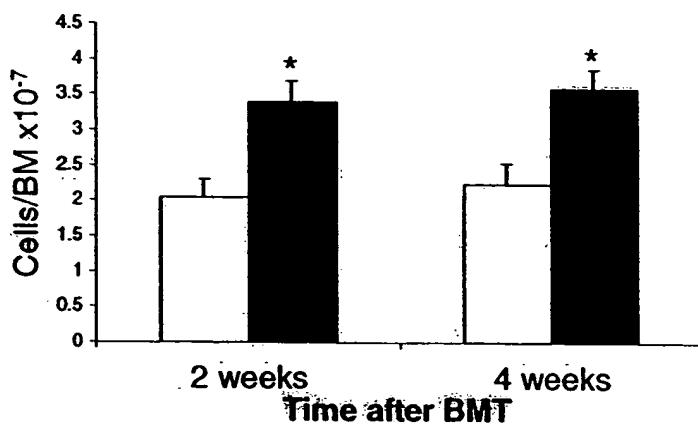
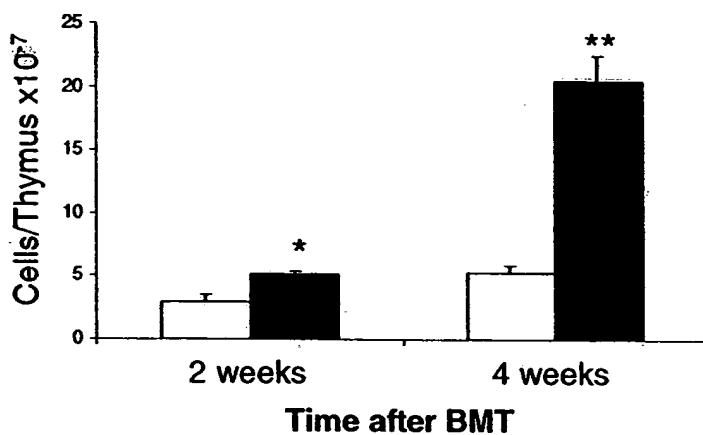


Figure 29C

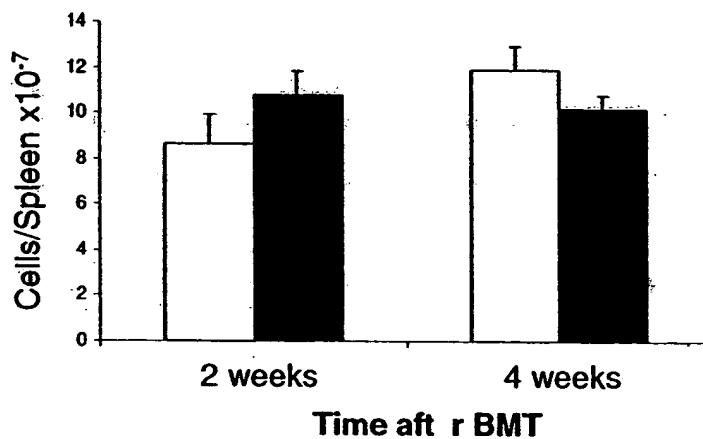
**A. Bone Marrow**



**B. Thymus**



**C. Spleen**



**Figure 30**

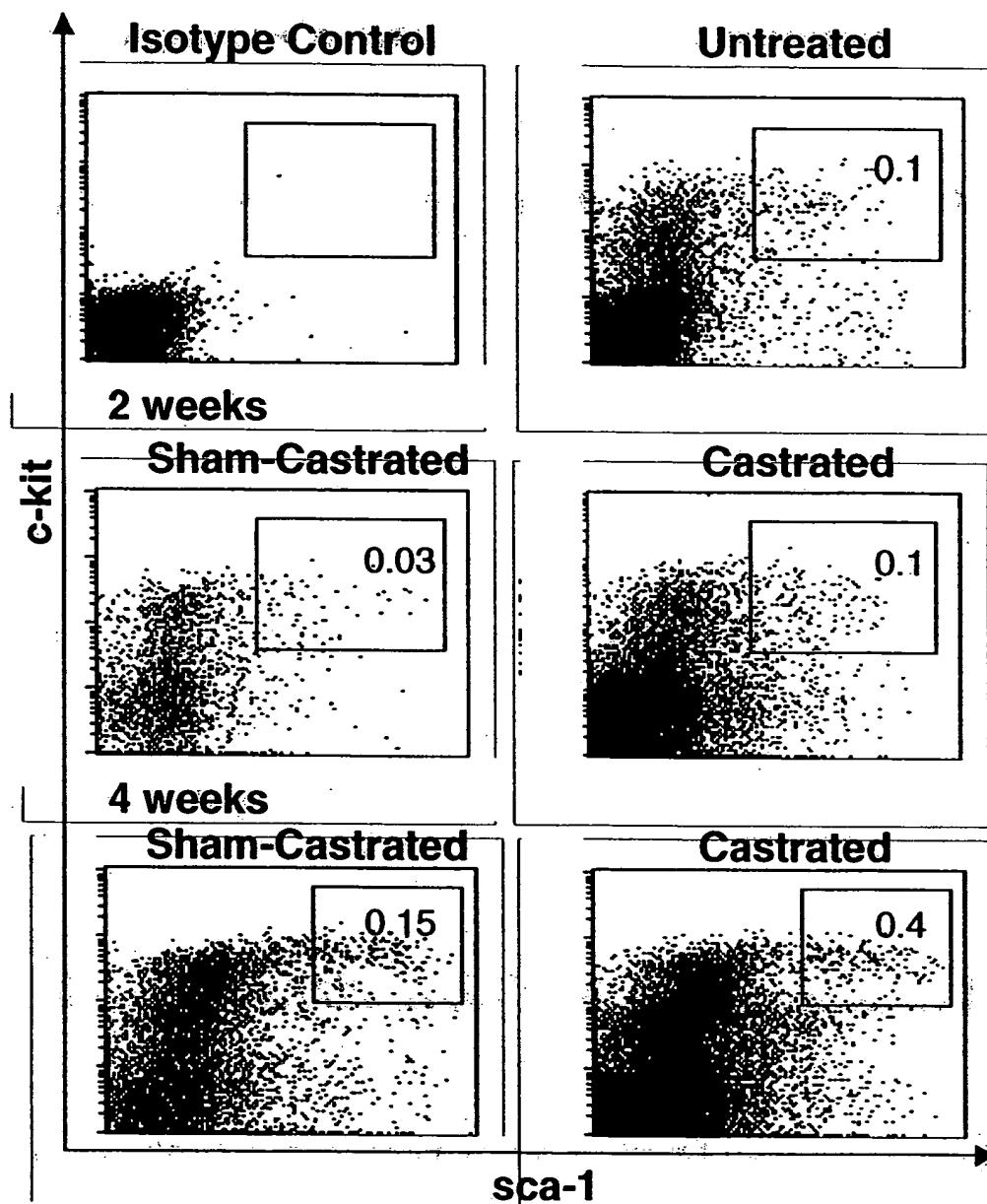
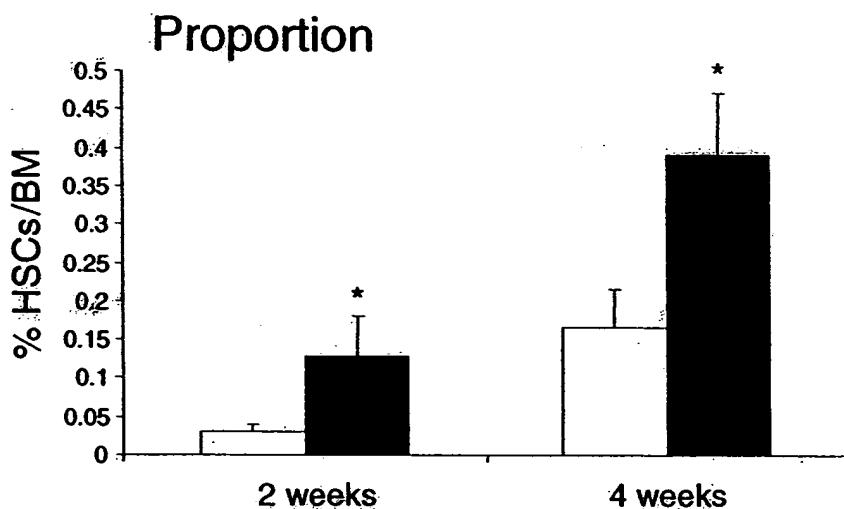


Figure 31

A.



B.

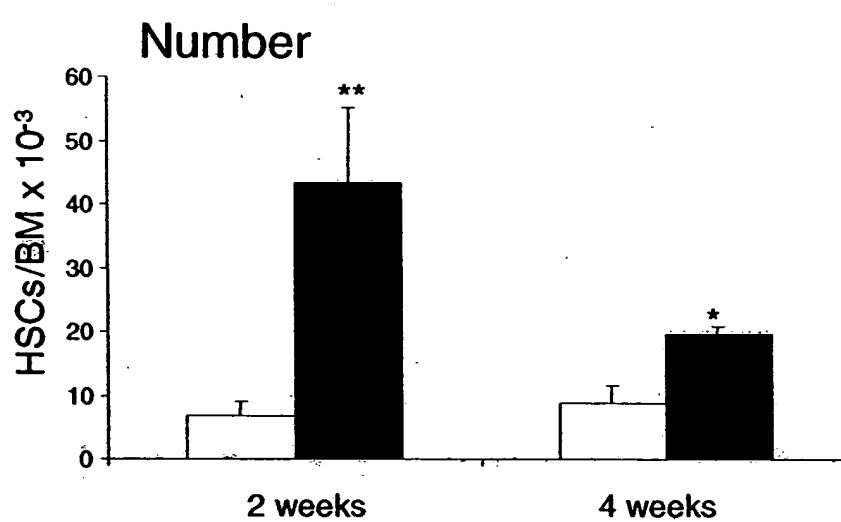
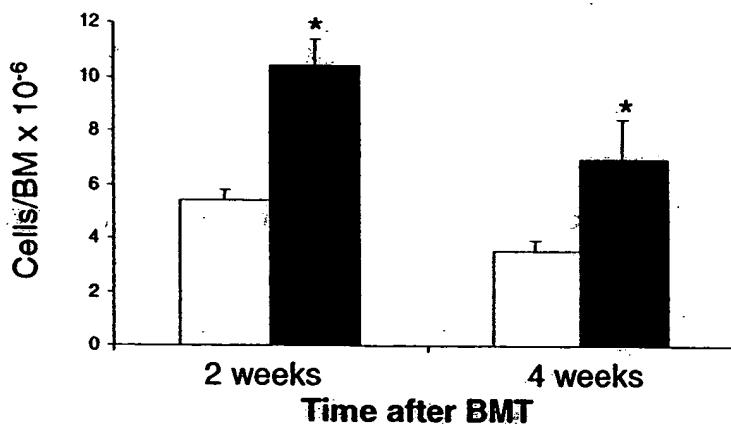


Figure 32

### A. B Cell Precursors



### B. B Cells

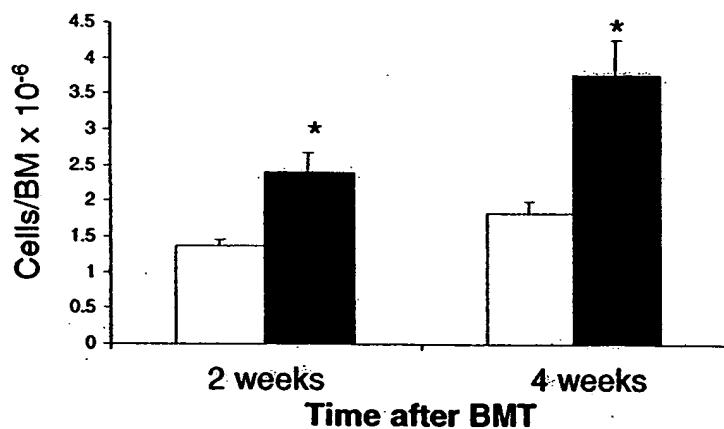


Figure 33

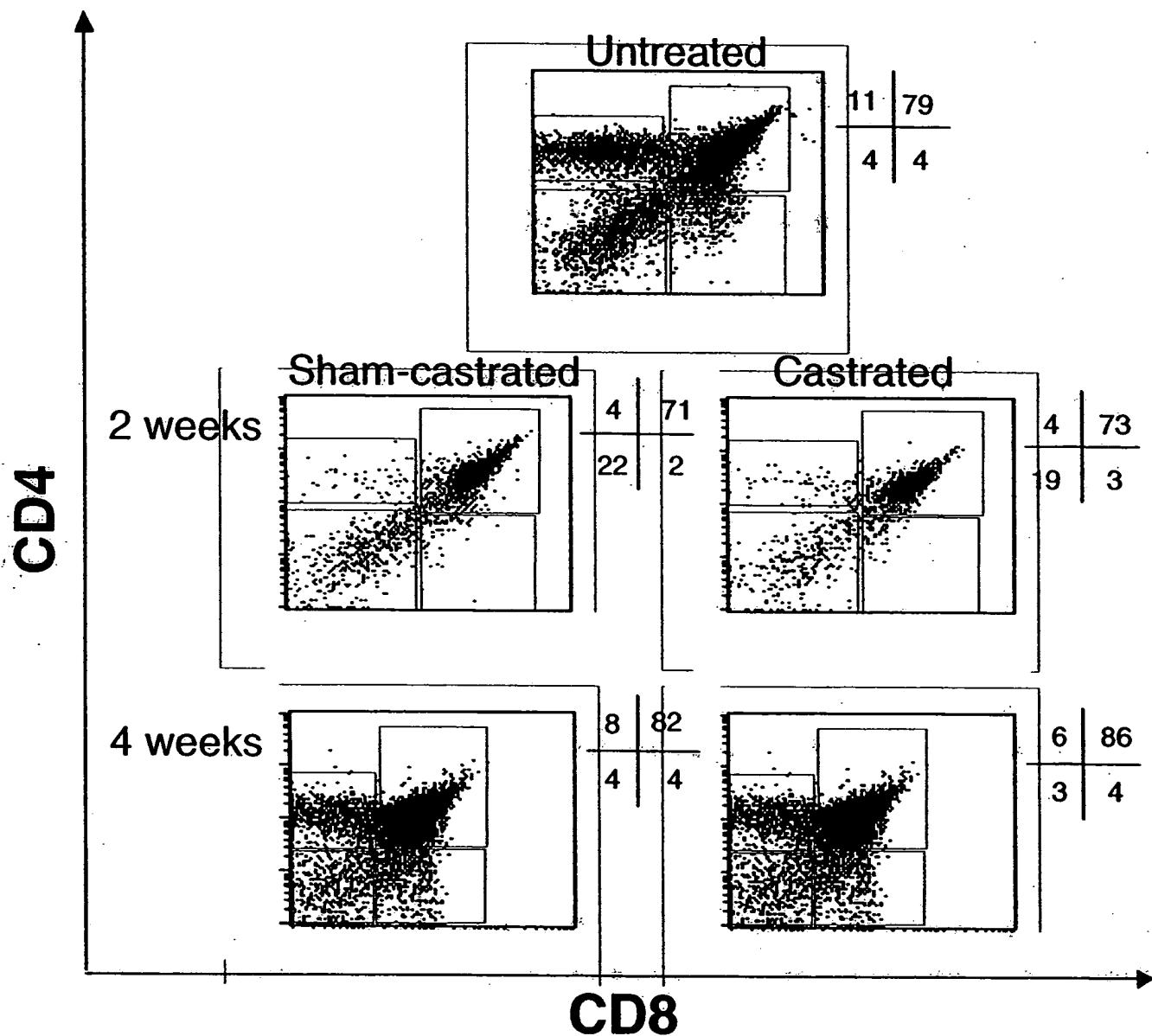


Figure 34

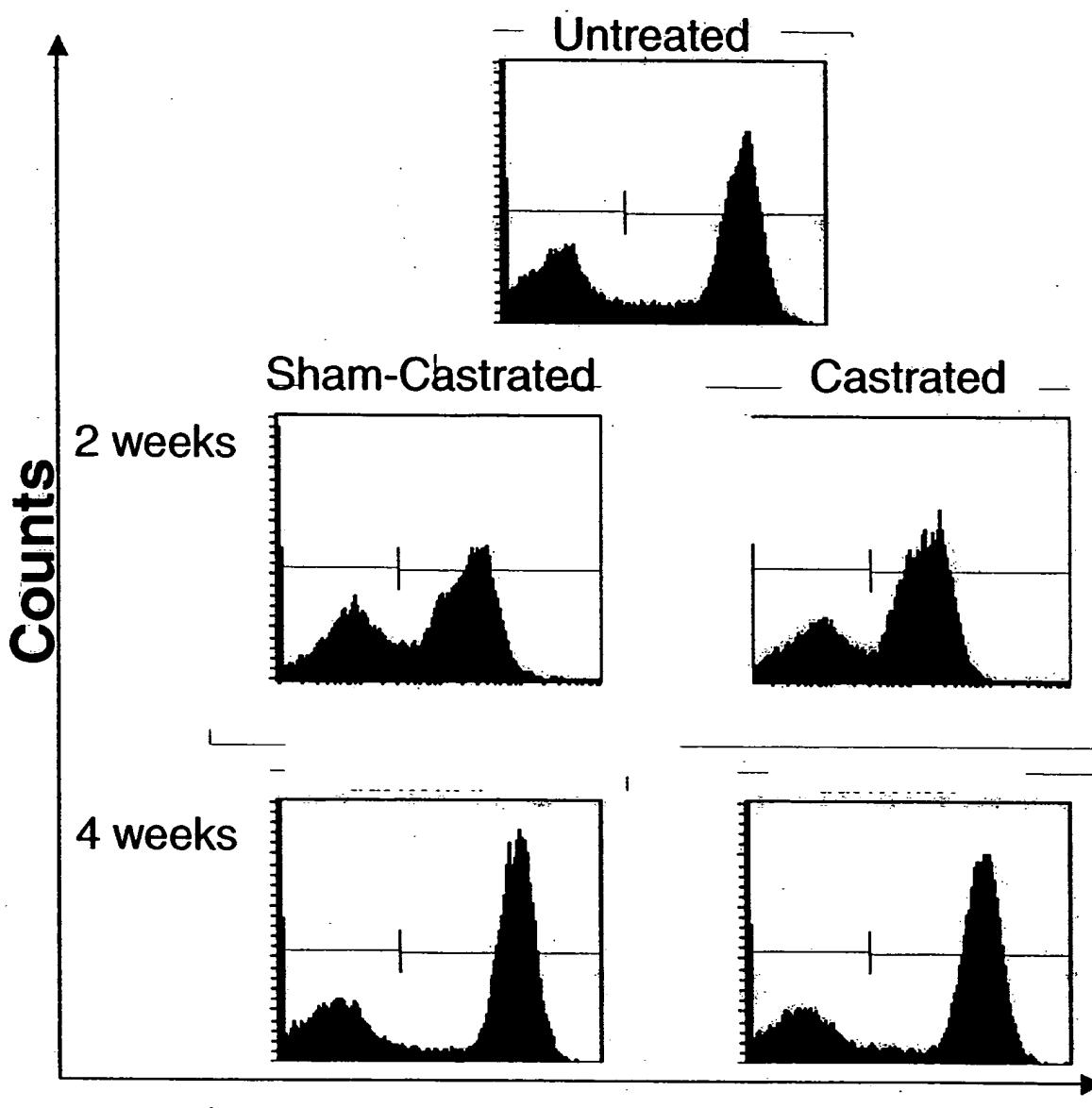


Figure 35

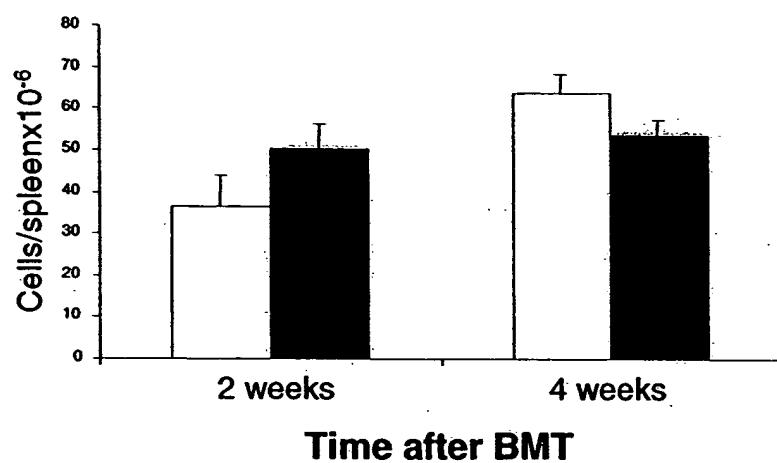


Figure 36

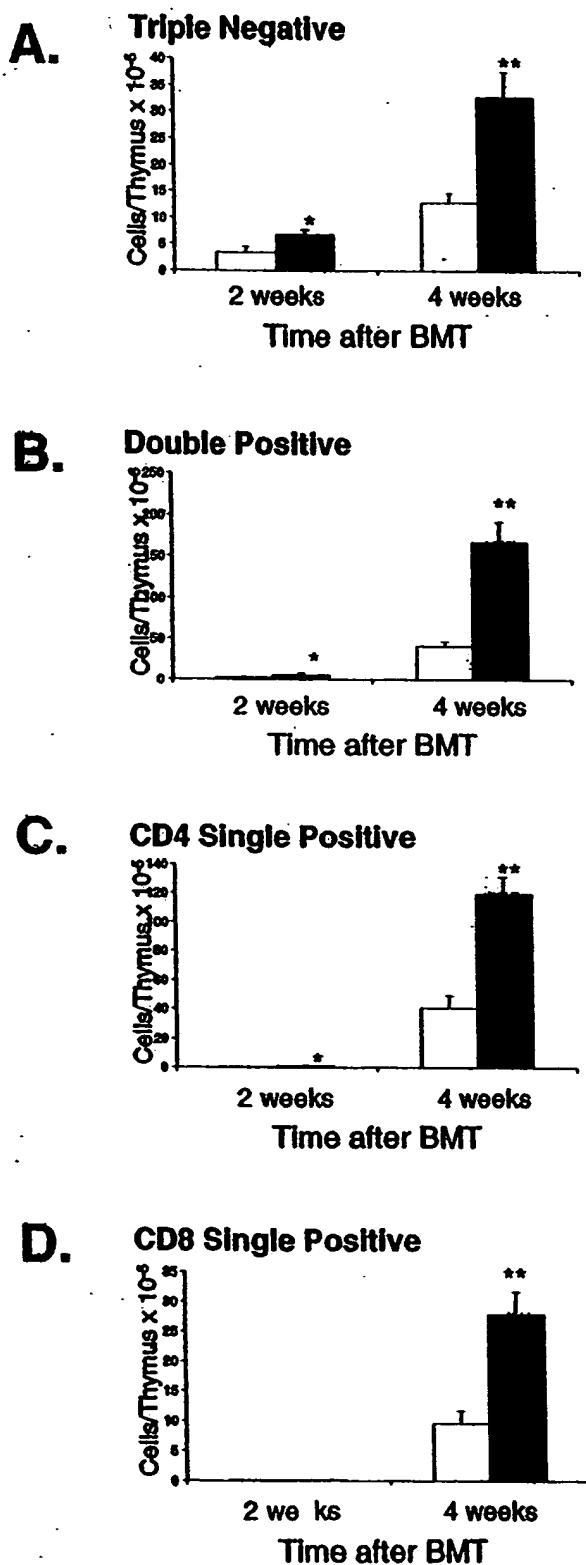


Figure 37

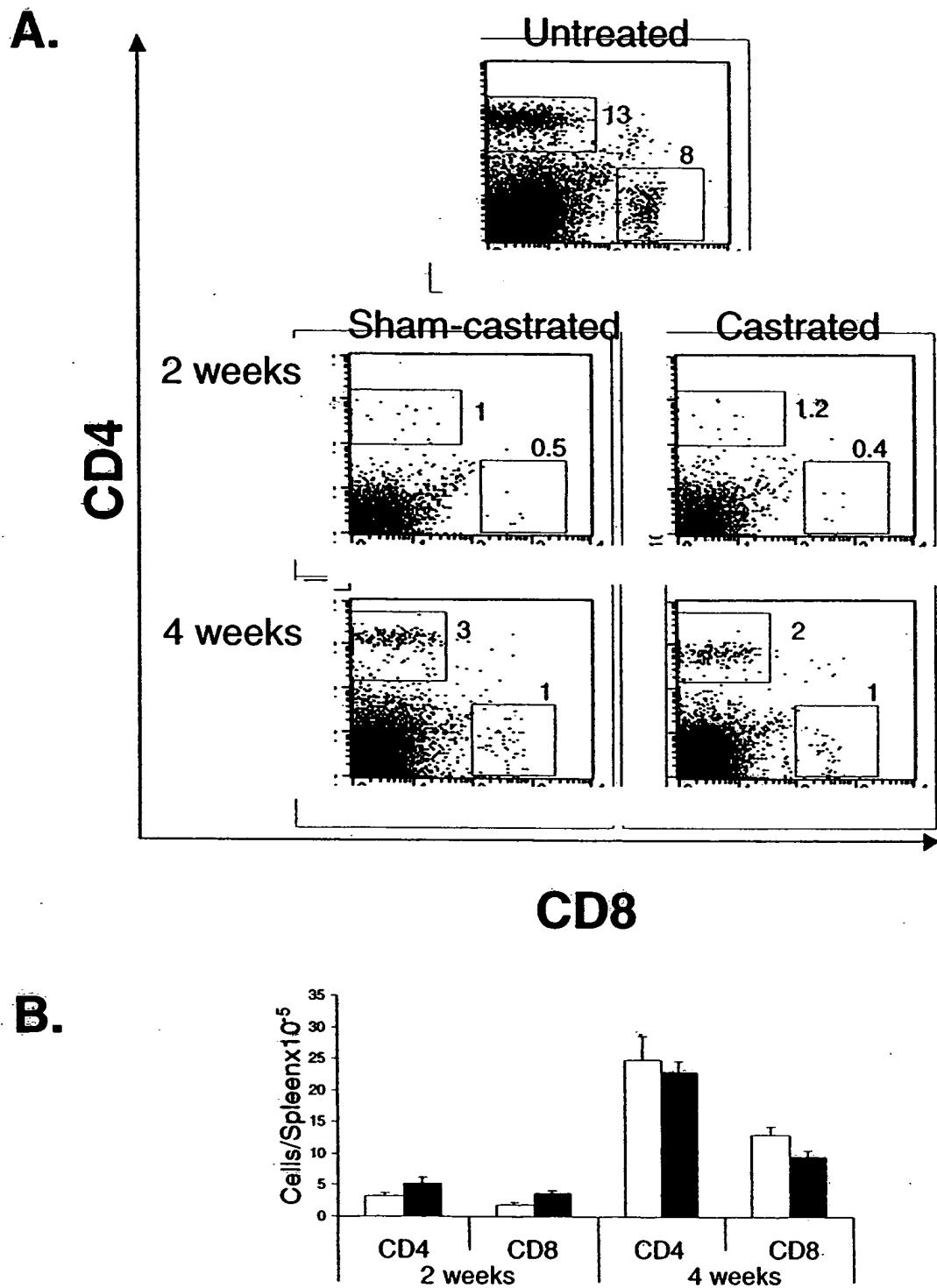
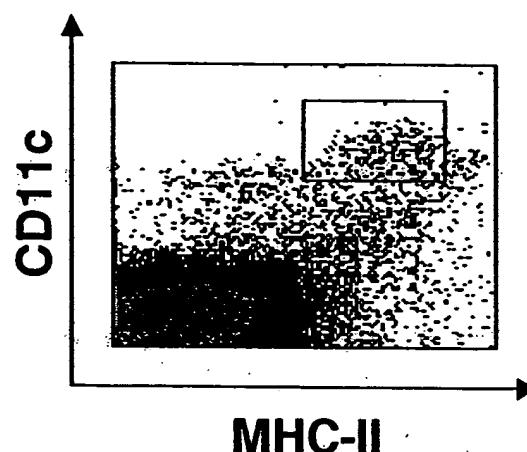


Figure 38

A.



B.

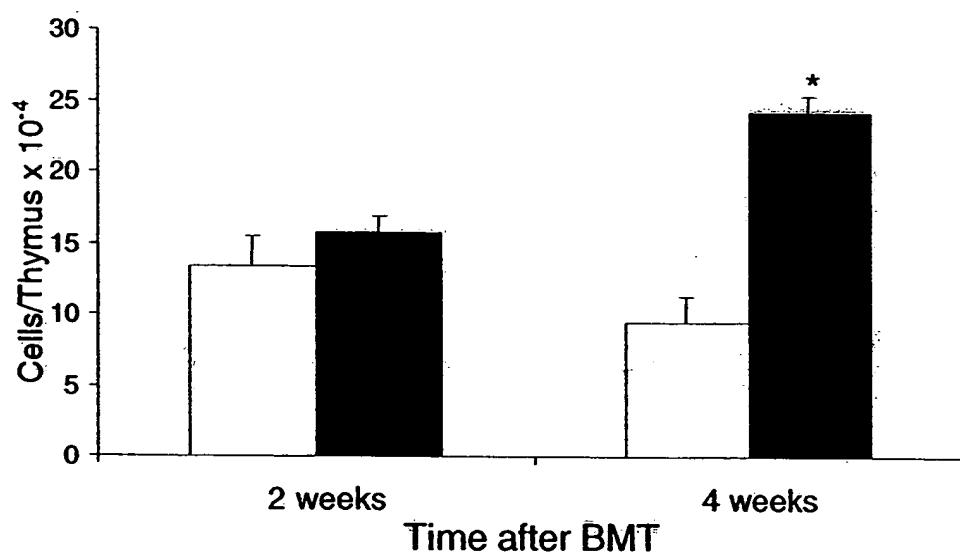


Figure 39

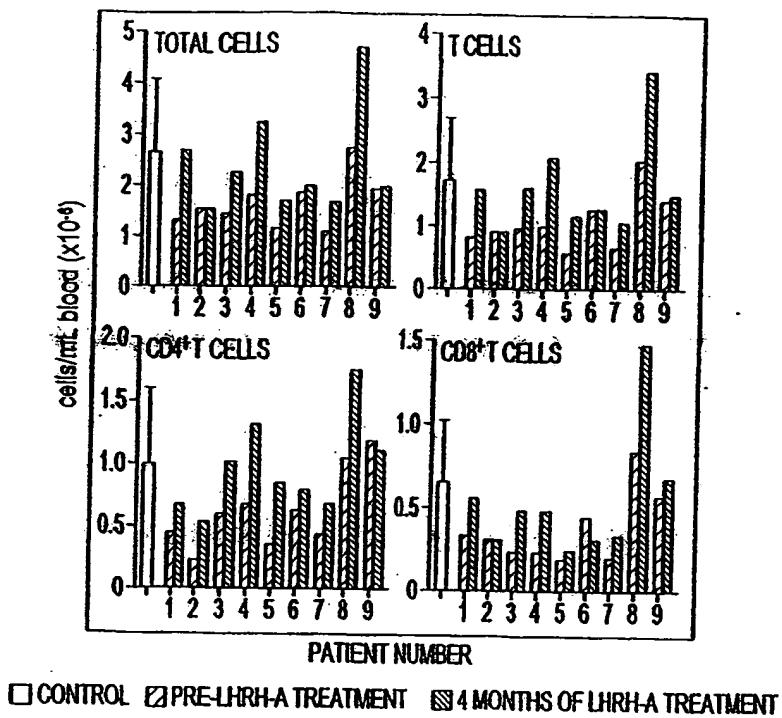


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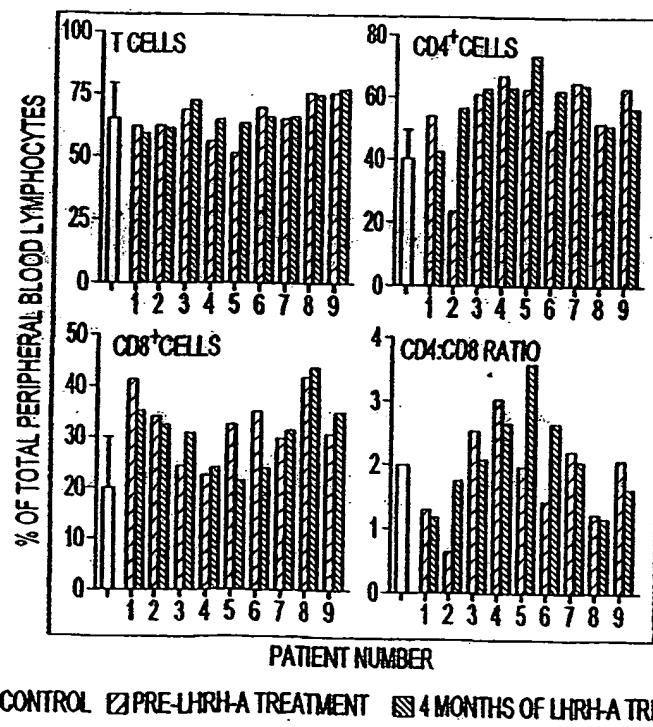


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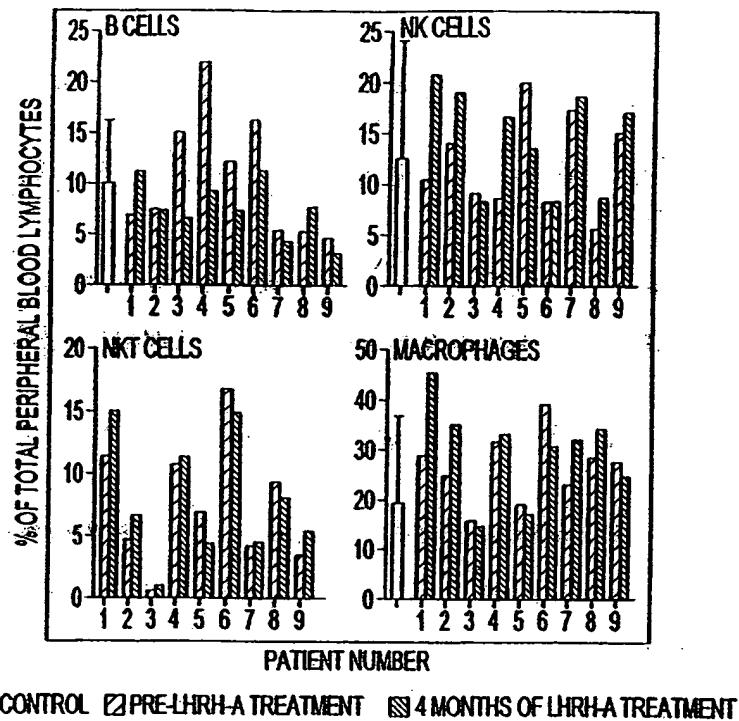


Figure 42

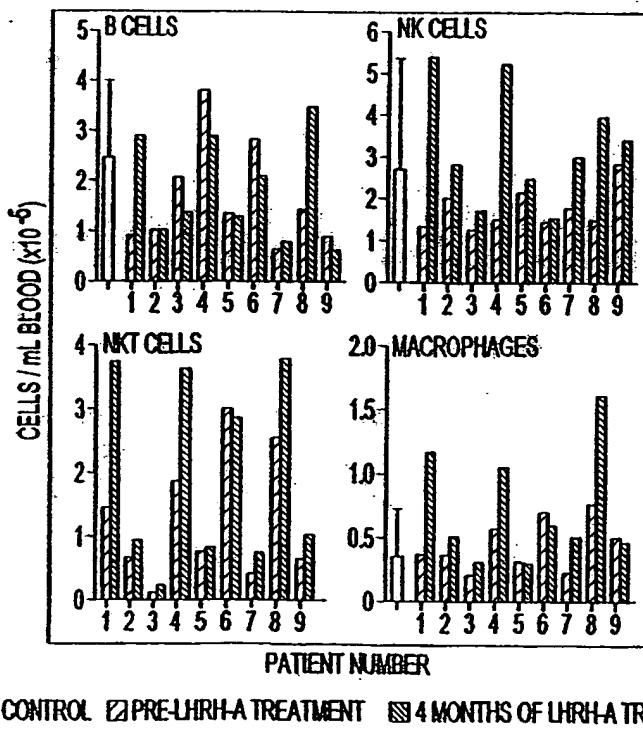


Figure 43

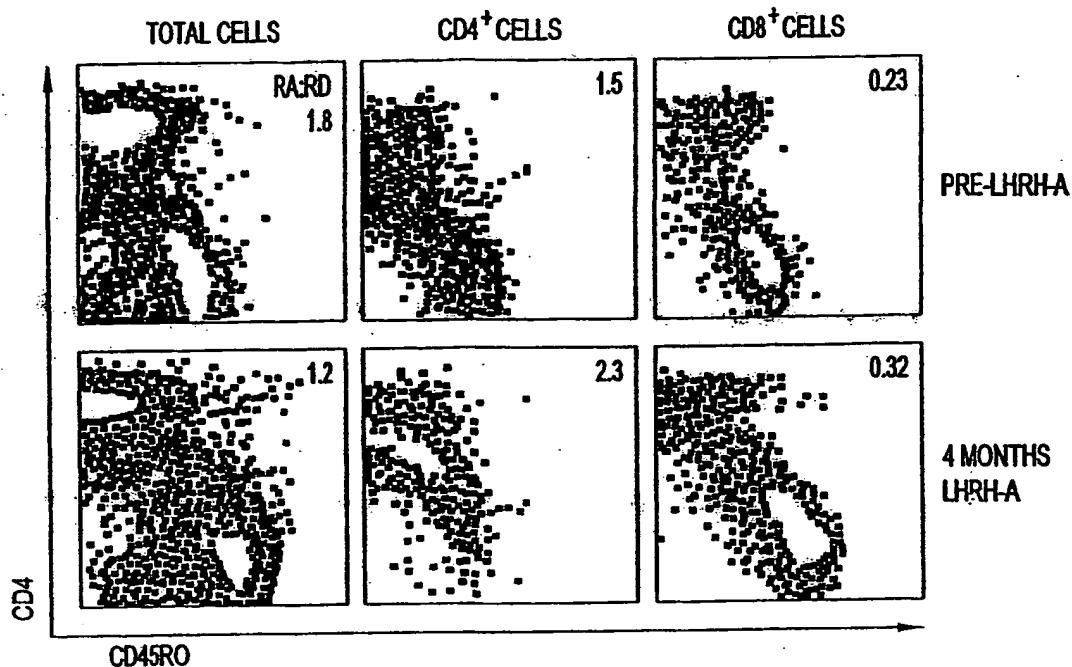


Figure 44A

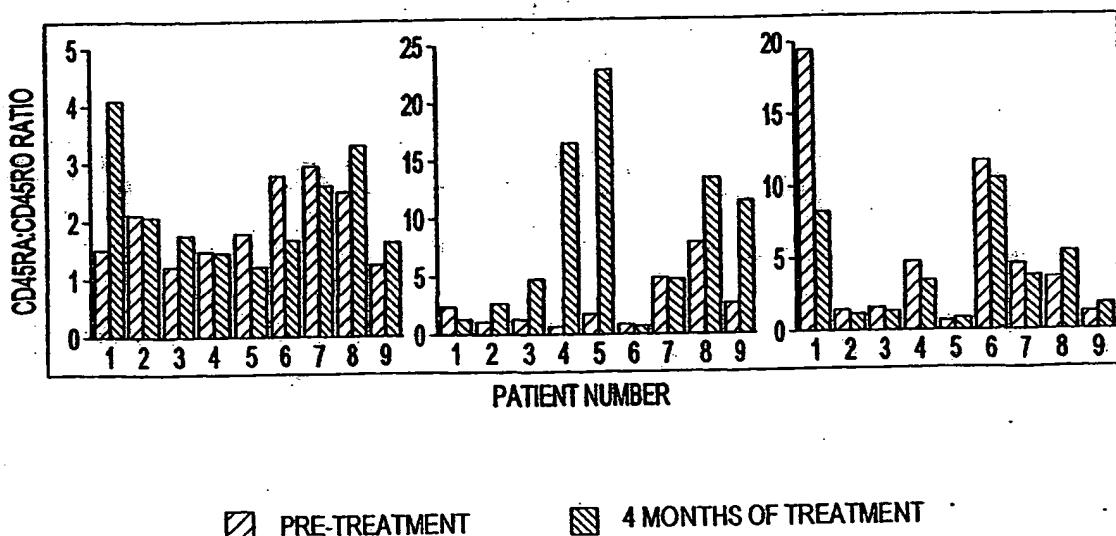
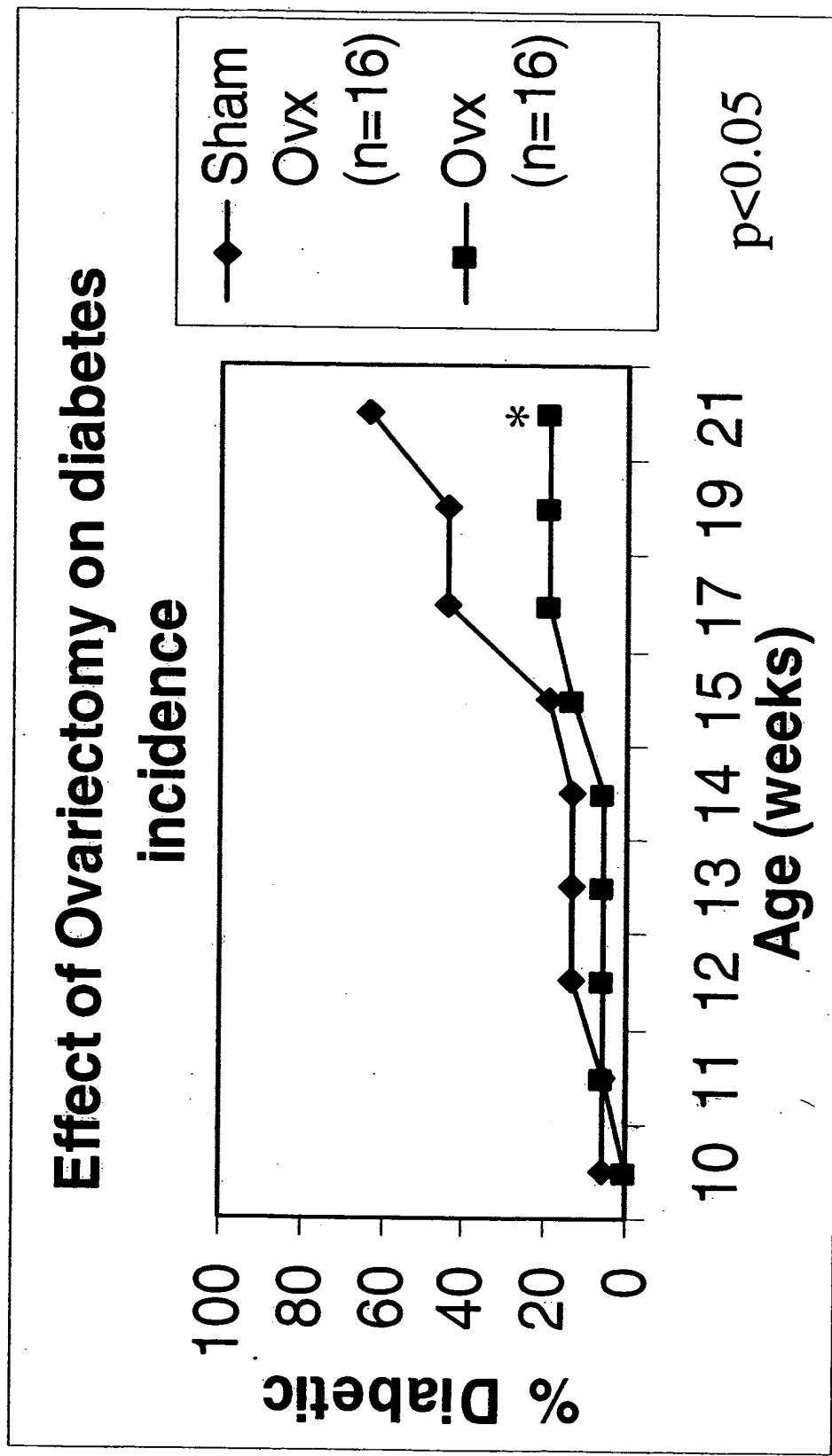


Figure 44B

Figure 45



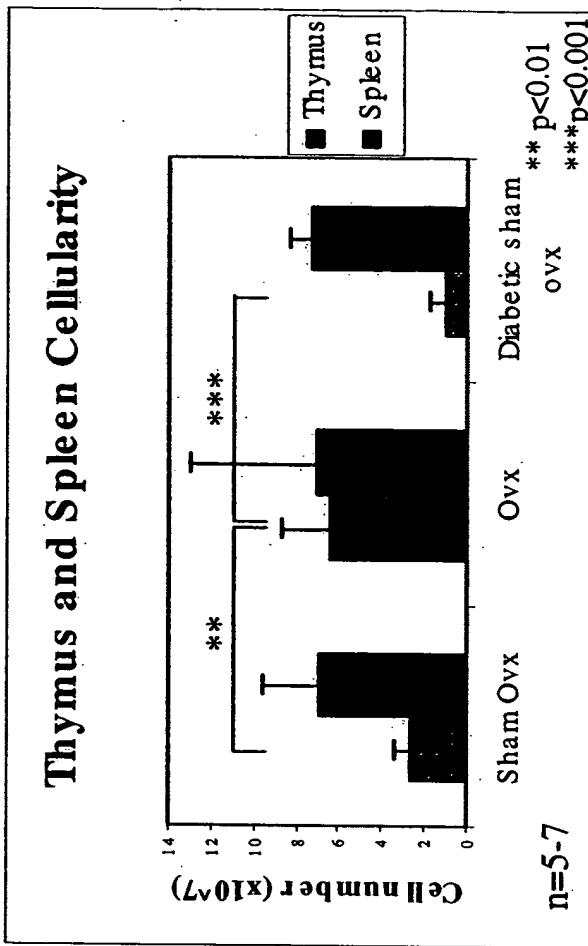
(Fisher's Exact Test)

Figure 46

# Effects of Ovx on the Thymus and Spleen

At 21 weeks:

- Non-diabetic sham-ovx
- Non-diabetic ovx
- Diabetic sham-ovx



(Kruskal-Wallis)

Thymus, Spleen analysed for T cells, B cells, and regulatory cells

# Effects of Ovx on T and B cells

Figure 47A

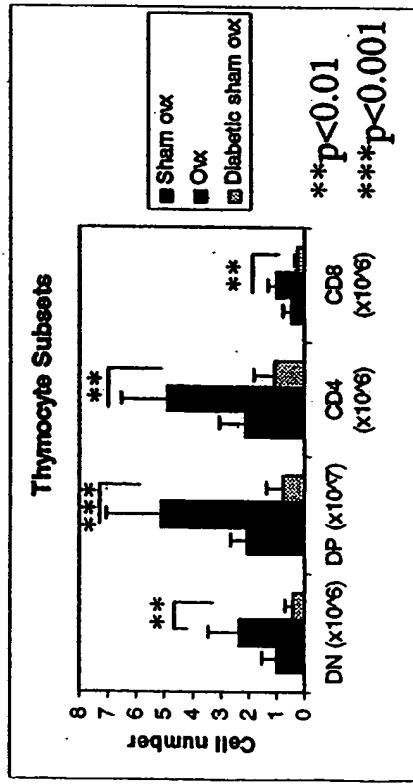


Figure 47B

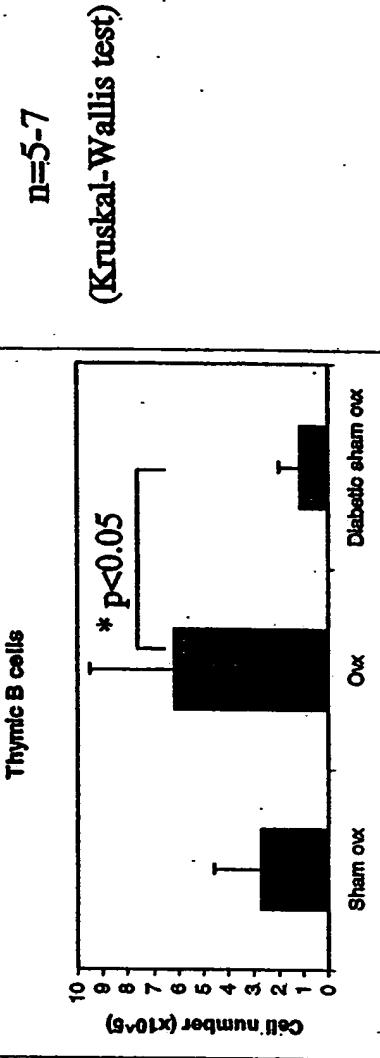
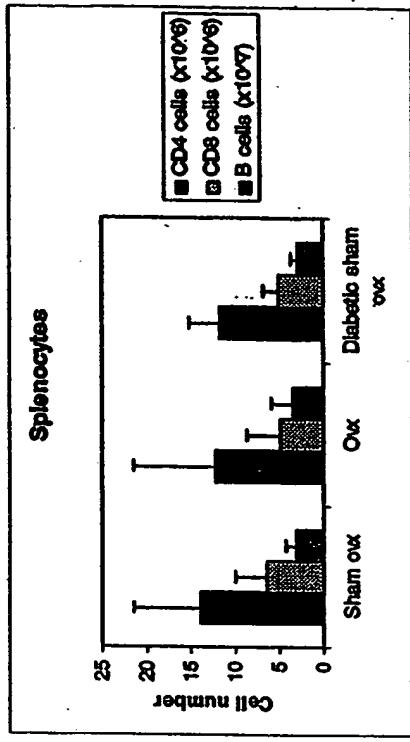


Figure 47C

# CD4+CD25+ Cells

Figure 48A

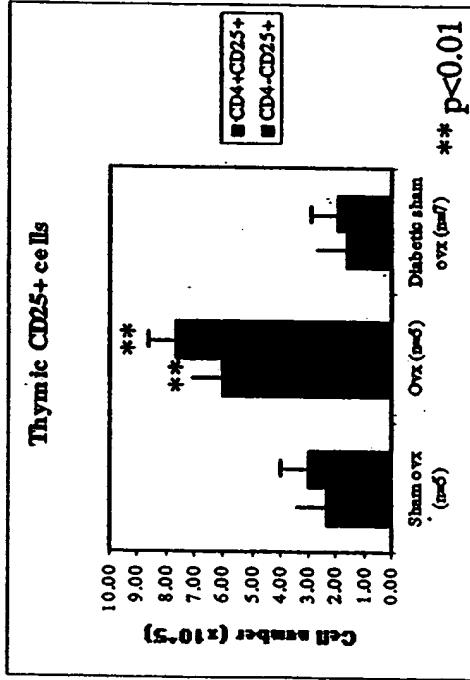
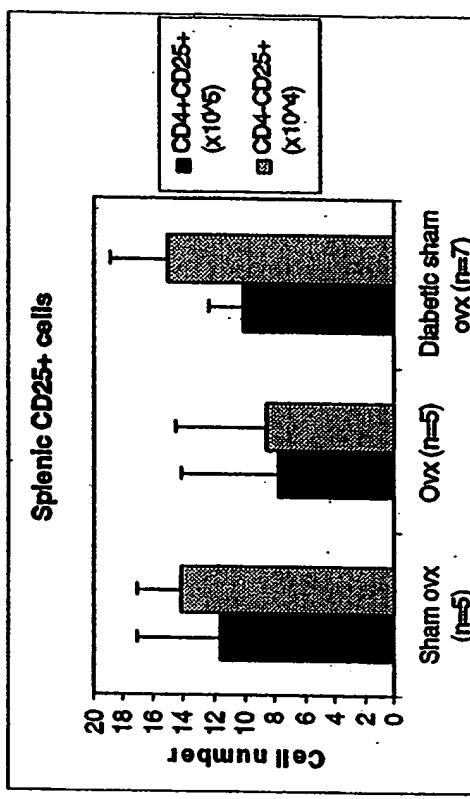


Figure 48B



Kruskal-Wallis test

There is a significant increase in CD25+ cell numbers in the thymus of ovx mice, but not in the spleen. Proportions do not change.